



*Keeping it simple, building it strong*

February 24, 2010

Purchasing Agent Acadia Parish Police Jury  
Courthouse Building  
Court Circle, North Parkerson Avenue  
Crowley, LA 70526

**RE: BID One (1) New Non-Reconditioned Landfill Compactor**

Ladies and Gentlemen:

Thank you for the opportunity to offer the enclosed bid for a new Advantage 500C1 landfill compactor. Al-jon has specialized in the design and manufacture of landfill compactors since the 1970s and our current models incorporate new features and benefits with proven hydrostatic drive components to meet the needs of our many repeat buyers.

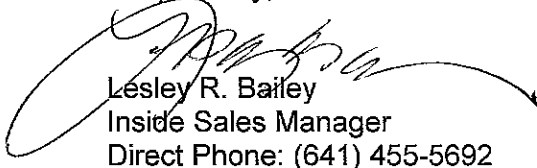
Al-jon equipment is built at our plant in Ottumwa, Iowa, and sold directly to end-users. Prompt repair service for the compactor will be provided by technicians from Nortrax South in Broussard. Repair work required on the Caterpillar engine during the warranty period will be completed by Louisiana Power Systems' commercial engine service. Al-jon's Regional Service Manager will complete regular inspections of the machine for review with landfill management.

Repair and replacement parts will be shipped from our closest Regional Service Center, from our Iowa factory inventory or directly from the component manufacturer for fastest delivery. Parts are shipped the same day when the order is received before 1:30 p.m. Central time. Warranty items weighing less than 150 pounds are shipped via airfreight at no charge for next business day delivery. Engine repair and maintenance parts will be available through Louisiana Power Systems.

On site maintenance and operator training will be provided at time of delivery. We also encourage all new Al-jon owners to take advantage of advanced service training courses conducted at our Regional Service Centers during the year. Please contact Ellie Guest in our Service Department for our current service school schedule and associated costs.

Pricing is firm on orders received by April 1, 2010. Current machine availability is 90-120 days from receipt of order. Please feel free to contact our references or to give me a call if you have any questions regarding our offer.

Respectfully,



Lesley R. Bailey  
Inside Sales Manager  
Direct Phone: (641) 455-5692

## NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be received by the Purchasing Agent of the Acadia Parish Police Jury, Courthouse Building, Crowley, LA, until 12:00 P.M., on Monday, March 1, 2010, for:

One (1) New Non-Reconditioned Landfill Compactor

and the bids will then and there be opened and publicly read aloud.

All bids shall be submitted in sealed envelopes by the dealer and marked to indicate the above item bid. Detailed specifications and proposal forms can be obtained from the Police Jury Office located in the Courthouse, between the hours of 8:00 A.M. and 4:30 P.M., except holidays, by fax at (337) 788-2421, by email at [mleger@appj.org](mailto:mleger@appj.org) or by electronic bid at [www.centralauctionhouse.com](http://www.centralauctionhouse.com).

The specifications are used only to denote the quality standard of product desired and do not necessarily restrict bidders to a specific brand, make manufacturer, or named specification.

Prospective bidders must have a dealer certified mechanic shop capable of providing all warranty requirements as a pre-requisite to bidding.

No bidder may withdraw his bid for at least thirty (30) days after the time scheduled for opening of bids. Each proposal shall be submitted only on the Vendor's Proposal Form.

The Police Jury reserves the right to reject any and all bids or to accept any bid(s) which in the opinion of the Police Jury will be in the best interest of the Parish and to waive all informalities.

/s/ Terry L. Lacombe  
Secretary-Treasurer  
Acadia Parish Police Jury

/s/ A. J. Credeur  
President  
Acadia Parish Police Jury

Published: In the Rayne Tribune  
February 11, 2010  
February 18, 2010  
February 25, 2010

## 2010 LANDFILL COMPACTOR

The intent of this bid is to secure a new, current production model landfill compactor.  
The compactor will be designed to function daily in normal landfill conditions.

### SPECIFICATIONS

EQUAL EXCEEDS

NOT EQUAL

#### OPERATING WEIGHT:

Minimum 84,000 pounds. No ballasting will be allowed.  
Balanced front to rear weight ratio.

✓	_____	_____
✓	_____	_____

#### FRAME:

Extreme heavy-duty box beam construction.  
Sealed undercarriage with no service points located  
under the machine, no opening belly pans.  
Minimum 30" ground clearance at center joint.  
Structural steel stairs.  
Manually removable engine enclosures, swing-out rear  
pump house access doors and center joint doors with  
secure latching systems.  
Fixed front axle, rear axle oscillation minimum +/- 6.0°. <sup>0</sup>  
Unobstructed access to the axle area without removal  
of the wheels or fenders.

✓	_____	_____
✓	_____	_____
✓	_____	_____
✓	_____	_____
✓	_____	_____
✓	+/- 6 degrees	_____
✓	_____	_____

#### ENGINE:

Electronically-controlled, liquid-cooled diesel.  
Minimum 475 gross horsepower @ 2100 rpm.  
Must meet current EPA Tier 3 emissions regulations.  
Minimum six cylinder, four stroke cycle, direct injection,  
turbo charged, and after-cooled.  
Air filters shall be dry type, two stage filters with  
a pre-cleaner.  
Oil and fuel filters shall be spin on replaceable type.  
Automatic shutdown system for low oil pressure and  
high temperature.  
Minimum 1500 Watt 120V block heater.

✓	_____	_____
✓	_____	_____
✓	_____	_____
✓	_____	_____
✓	_____	_____
✓	_____	_____
✓	_____	_____
✓	_____	_____

#### TRANSMISSION:

Electronically-controlled hydrostatic drive system;  
no clutch, torque converter or differentials.  
Unit must be capable of directional changes at  
full engine speed without deceleration.  
Minimum four (4) forward and four (2) reverse speeds  
up to 5.2 M.P.H. in either direction.  
Equipped with planetary reduction final drives.

✓	_____	_____
✓	_____	_____
✓	_____	_____
✓	_____	_____

**COOLING SYSTEM:**

Heavy-duty radiator and hydraulic oil cooler with maximum 6.5 fins per inch.  
Perforated and corrugated slide-out pre-screens.  
Hydraulic auto-reverse cooling fan.

✓		
✓		
✓		

**ELECTRICAL:**

24V direct electric start with master switch.  
4 heavy-duty, maintenance-free batteries, minimum  
925 CCA each.  
Minimum 100 amp alternator.

<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>		
<input checked="" type="checkbox"/>		

**BRAKES:**

OSHA-approved all-wheel hydrodynamic braking,  
 no brake pedal required  
 Independent spring-applied, hydraulic release  
 parking/emergency brake on front wheels.  
 Audible/visual parking brake alarm.

<input checked="" type="checkbox"/>	_____	_____
<input checked="" type="checkbox"/>	_____	_____
<input checked="" type="checkbox"/>	_____	_____

**STEERING:**

Center point, frame articulated steering, minimum articulation +/- 35°.  
Maximum inside turning radius 10'6".  
Adjustable joystick steering control lever with throttle lock

✓ +/- 35 degrees  
✓ 10 feet, 6 inches  
✓

**HYDRAULIC SYSTEM:**

Closed loop, full filtered system with service indicators.

✓                            

**CAB:**

Fully enclosed, 2-door walk-through cab.  
ROPS/FOPS certified.  
Sliding windows in left and right side doors.  
Foot throttle/brake pedal, no clutch.  
Joystick steering and blade control levers.  
F-N-R and speed selection conveniently located.  
Throttle lock/cruise control.  
Minimum 36,000 BTU air conditioning system.  
Minimum 30,000 BTU heat/defrost system.  
Rear vision camera system with cab-mounted color monitor.  
Two (2) exterior Awest coast® style rear view mirrors.  
Exterior light package, minimum six (6) forward and four (4) reverse facing halogen working lights.  
Horn and backup alarm.  
Cloth-covered, adjustable air-ride seat with headrest and lap belt.  
Illuminated analog gauges: engine oil pressure, coolant

[illegible]

temperature, amperage, fuel level and tachometer.	✓		
LED display to monitor engine oil pressure, engine coolant			
temperature, engine speed (rpm), engine % load,			
operating hours, battery voltage, boost pressure and			
transmission oil temperature.	✓		
AM/FM radio with CD player and speakers.	✓		
Pre-wired for CB radio with integrated CB antenna.	✓		
Intermittent front window wiper/washer.	✓		
Single speed rear window wiper/washer.	✓		
Tinted windows.	✓		
24V DC to 12V DC accessory connections in cab.	✓		

#### BLADE:

Straight landfill blade, minimum 15' wide, 76" high	✓	15' wide, 76 inches high	
with full-width, see-through trash screen.	✓		
Bolt-on reversible cutting edges and replaceable end bits.	✓		
Adjustable joystick control lever with raise, lower	✓		
and float positions.			

#### WHEELS:

Four (4) wheel design, minimum wheel width 48"	✓	48" wide	
All wheels must be the same size to permit front to rear	✓		
rotation for extended tip life.	✓		
Minimum 1" outer drum thickness.	✓		
Wheel cleats shall be a minimum of 8" in height,	✓	8" in height	
minimum of 28 cleats per wheel.			
Wheels to be self-cleaning without the use of	✓		
cleaner bars.			

#### OTHER ITEMS:

Two (2) copies of parts and service manuals.	✓		
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#### MINIMUM WARRANTY:

Total Coverage warranty for one (1) year or two thousand	✓		
(2,000) operating hours, whichever comes first.			
Wheel, structure, and frame warranty, five (5) years			
or ten thousand (10,000) hours, whichever comes first,			
for any damage caused by wire, cable, or other foreign			
debris trapped between the wheels and the frame or			
chassis of the landfill compactor.	✓		
Warranty to include mileage.			

## **SPECIAL CONDITIONS**

Bidder will be required to include in the price proposal the amount offered for trade for One (1) used 500J1 Landfill Compactor Serial #14013. Arrangement can be made to view trade in by contacting the Acadia Parish Landfill at (337) 783-4834 during business hours Monday-Friday. Possession of trade will not take place until effective delivery of new equipment.

Award will be based on the difference between the bid price of the new and trade in value of the used compactor.

If the vendor fails to make delivery within a satisfactory time, the Acadia Parish Police Jury reserves the right to cancel the item and to purchase it elsewhere, charging the increase in price and cost of handling, if any, to the vendor making the original unsatisfactory, late, or non-delivery.

All bids must be submitted on the forms furnished for this purpose and must be filled out with ink or typewritten (black ink preferred for reproduction purposes) and signed in ink. Please do not erase, correct or write over any prices or figures necessary for the completion of this bid proposal. If any corrections are necessary, each one must be initialed by bidder. Failure to comply with these requirements may cause your bid to be disqualified.

The Acadia Parish Police Jury reserves the right to select either proposal, as long as the selection meets all requirements and is low for that particular proposal.

Any manufacturer's names, trade names, brand names, or catalog numbers used in the specifications are for the purpose of describing and establishing general quality levels. Such references are not intended to be restrictive. Bids will be considered for any brand which meets or exceeds the quality of the specifications listed for any item.

If item(s) bid do not fully comply with specifications (including brand and/or product number), bidder must state in what respect the item(s) deviate. Failure to note exceptions on the bid form will not relieve the successful bidder(s) from supplying the actual products requested.

Sufficient literature is to be enclosed with your bid to determine compliance with specifications. Failure to comply with this request may eliminate your bid from consideration.

Changes in specification will be given in writing to all bidders, in addendum form, and all addenda(s) will be made part of, the specification documents. No other explanation or interpretation will be considered official or binding.

1. **REQUIREMENTS:**

Bidder must be factory-authorized and a franchise representative of the equipment bid.  
Bidder must submit a brochure with specifications of equipment bid.

2. **PAYMENTS:**

It is the intention of the Acadia Parish Police Jury to purchase one (1) compactor as specified above. Payment for said equipment shall be by the lump sum as shown on the Contractor's Proposal. This price is to include all incidentals, labor, materials, overhead, profit, insurance, etc., required to deliver said compactor to the Acadia Parish Sanitary Landfill, 611 Petal Road, Egan, Louisiana 70531.

## PRICE PROPOSAL

In compliance with your invitation for bids for the furnishing of

### ONE NEW NON RECONDITIONED LANDFILL COMPACTOR

and having examined the specifications with related documents and being familiar with all of the conditions surrounding the availability of materials and labor, the bidder hereby proposes to furnish the equipment called for in accordance with the contract documents, within the time set forth therein, and at the price stated below. The price is to cover all expenses incurred in supplying the equipment required under the contract documents, of which this proposal is a part.

Option A. Furnish and deliver to Acadia Parish Sanitary Landfill, one (1) new non-reconditioned compactor, as specified herein, for the following price, excluding sales tax.

\$481,656.00

Figures

Four hundred and eighty-one thousand,  
Six hundred and fifty-six Dollars.

Words

Option B. Furnish and deliver to Acadia Parish Sanitary Landfill, one (1) new non-reconditioned compactor, as specified herein, with the trade of one (1) AlJon, MDS #500J1, for the following price, excluding sales tax.

\$431,656.00

Figures

Four hundred and thirty-one thousand,  
Six hundred and fifty-six Dollars.

Words

Option C. Furnish and deliver to Acadia Parish Sanitary Landfill, one (1) new non-reconditioned compactor, as specified herein, WITHOUT WHEELS, for the following price, excluding sales tax. The price is to include installation of existing compactor wheels on new body.

\$446,580.00

Figures

Four hundred and forty-six thousand,  
Five hundred and eighty Dollars.

Words

Option D. Furnish and deliver to Acadia Parish Sanitary Landfill, one (1) new non-reconditioned compactor, as specified herein, WITHOUT WHEELS, with the trade in of one (1) AlJon MDS #500J1, for the following price, excluding sales tax.

\$416,580.00

Figures

Four hundred and sixteen thousand,  
Five hundred and eighty Dollars.

Words

The above lump sum prices shall include all labor, overhead, profit applicable taxes, insurance, etc., to cover the supplying of the equipment called for.

The bidder agrees that this bid shall be good and may not be withdrawn for a period of 30 calendar days after the scheduled closing time for receiving bids,

**NOTE:** Prices above include standard 1 Year/2,000 Hour total coverage warranty. OPTIONAL 3 Year/5,000 Hour Power Train & 5 Year/10,000 Hour Engine warranty coverage is available for an additional \$24,500 payable in full at time of purchase.



Respectfully submitted,

Lesley R. Bailey - Inside Sales Manager  
Al-jon Manufacturing LLC

NAME OF PERSON, FIRM, OR CORPORATION

BY: 

SIGNATURE AND TITLE

15075 Al-jon Avenue  
Ottumwa, Iowa 52501

BUSINESS ADDRESS

Toll Free Phone: (888) 255-6681 ext 5692  
FAX: (641) 682-6294  
e-mail: lbailey@aljon.com



**SPECIFICATIONS**  
**2010 AL-JON ADVANTAGE 500C1 LANDFILL COMPACTOR**  
**Acadia Parish Police Jury - Bid Opening 3/01/10**

**OPERATING WEIGHT:**

84,000 pounds with 48" wide wheels and 15'3" wide straight blade.

**ENGINE:**

475 gross/457 NET horsepower, 15.2 liter Caterpillar C15 ACERT engine meets current EPA Tier 3 emissions regulations.

**WHEELS:**

48" wide wheels with 1.0" thick outer drums measure 74" in diameter over the cleats. 8" tall Al-jon weld-on cleats are arranged in a pattern of 4 rows of 8 traction style cleats per wheel.

**BLADE:**

Standard straight blade is 15'3" wide and 76" high including heavy-duty, see-through trash screen.

**A list of standard equipment is enclosed.**

**STANDARD WARRANTY:**

**Total Coverage One (1) Year or 2,000 Hours**

**Wire Wrap Damage Five (5) Years or 10,000 Hours\***

**OPTIONAL EXTENDED WARRANTY BID AT ADDITIONAL COST Includes STANDARD WARRANTY PLUS THE FOLLOWING:**

**Power Train Three (3) Years or 5,000 Hours**

**Caterpillar Engine Five (5) Years or 10,000 Hours**

\* Al-jon's unique frame design eliminates the need for "inner wheel guards" or "wire cutters." The wheels are set away from the chassis frame and the axle area is unobstructed by stairways or supplemental axle guarding. Stringy materials do not get tightly wound around the axles because hydrostatic drive does not utilize turning axles. Any debris that does collect in the axle area is easy to see and easy to remove from ground level without removing the wheels or guarding, saving hours of maintenance and machine downtime. Our simple solution to this common problem works so well that Al-jon offers an exclusive "Warranty against Wire or Cable Wrap Damage" that provides free repair or replacement of any components damaged by debris wrap during the first five (5) years or 10,000 hours of operation.



## ADVANTAGE 500C1 LANDFILL COMPACTOR

January 2010

### Standard Equipment:

#### ELECTRICAL

- Alarm, back-up
- Alternator, CAT Engine 100 amp
- Batteries, maintenance-free (4-925CCA)
- Diagnostic connector
- Electrical converter 24V-12V
- Electrical system (24-volt)
- Lighting system, 65 watt exterior halogen, 6 front & 4 rear
- Starter, electric (heavy-duty)

#### GUARDS

- Center joint /steering cylinders
- Charge air cooler, slide-out prescreen
- Engine enclosure panels, manually removable, left & right sides
- Hydraulic oil cooler, slide-out prescreen
- Pump house, swing-out doors open manually
- Radiator, slide-out prescreen
- Undercarriage, sealed, no service under the machine
- Window guard, see-through front

#### OPERATOR ENVIRONMENT

- Air conditioner , 3 speeds, directional air vents front & rear
- Beverage holders (4)
- Blade control, electric over hydraulic, raise, lower, float
- Cab, pressurized and sound suppressed
  - Right and left doors
- ROPS/FOPS
- AM/FM Weather Band Radio, CD, MP3 port, Speakers (4)
- (2) 12-volt power ports
- Coat hooks (2)
- Dome light, single fluorescent
- Fire extinguisher, 5-lb ABC type
- Filtered fresh air intake
- Footrests (integrated into lower dash console)
- Gear selection display
- Glass, laminated, tinted, rubber mounted
- Heater/defroster, 3 speeds, directional air vents front & rear
- Horn, electric
- Hour meter display
- Hydraulic steering, joystick control
- Mirrors, rearview (externally mounted West Coast style)
- Monitoring System
  - Instrumentation, Analog Style Gauges:
    - Engine coolant temperature, digital can bus signal
    - Engine oil pressure
    - Fuel level, electric sender
    - Tachometer
  - Instrumentation, Digital Readout
    - Hydraulic oil pressure
    - Odometer
    - Volt meter

#### OPERATOR ENVIRONMENT CONTINUED

##### Instrumentation, Warning Indicators:

- Electrical system, low voltage, engine ECM
- Engine oil pressure, engine ECM
- Fuel filter status, engine ECM
- Hydraulic drive pressure
- Parking brake status
- System shutdown, amber & red warning lights

Rear vision camera system, full color monitor in cab

Seat, cloth, 6-way adjustable air ride

Seat belt, retractable, 3"

Storage rack for manuals

Throttle lock capability

Wet-Arm Wipers/Washer (front and rear)

Intermittent front wiper/washer

Single speed rear wiper/washer

#### POWERTRAIN

All-wheel hydrostatic drive, 4 speeds Forward/4 speeds Reverse

Brakes, all-wheel hydrodynamic, wet multiple disc

Brakes, parking/emergency, front axle spring applied hydraulic release

Cooling System

Charge air cooler, slide-out prescreen

Hydraulic oil cooler, 6.5 aluminum fins per inch, slide-out prescreen

Radiator, 6.5 aluminum fins per inch, slide-out prescreen

Engine, EPA Tier 3 compliant

CAT C15 ACERT, 475 gross/457 NET horsepower

Fan, cooling system, hydraulically driven

Automatically reversible with manual override

Fuel priming pump, manual

Heat Shield between turbo and engine

Muffler, sound suppressed

Precleaner, engine air intake (Sy-Klone)

Starting aid (ether)

#### OTHER STANDARD EQUIPMENT

Cab pre-wired for CB installation, integrated antenna

Manual access to all service points and compartments

Oil sampling ports

Steps, structural steel, left and right

Striker bars, behind front wheels, behind rear wheels

Tow hooks front and rear

Vandalism protection caplocks, fuel and hydraulic tanks

Wheels, 48" wide with 8" tall weld-on cleats



## ADVANTAGE 500C1 LANDFILL COMPACTOR

January 2010

### ***AL-JON FEATURES:***

- Full-time, all-wheel hydrostatic drive
  - NO differentials, torque converter, drive shafts or axles
- Ergonomic, fully-equipped operator compartment
  - Includes AM/FM Radio/CD and rear vision camera
- All component guarding included as standard equipment
- Sealed heavy duty undercarriage
  - No service points are located under the machine
  - Opening "belly pans" are not required
  - No exposed bolts on undercarriage
- Stairways do not block access to axle area
- Exclusive 5 Year or 10,000 Hour Wire Wrap Damage Warranty
- Standard 1 Year or 2,000 Hour Total Coverage Warranty



**C15 ACERT™**

**354 bkW / 475 bhp**

**2100 rpm**

**Industrial**

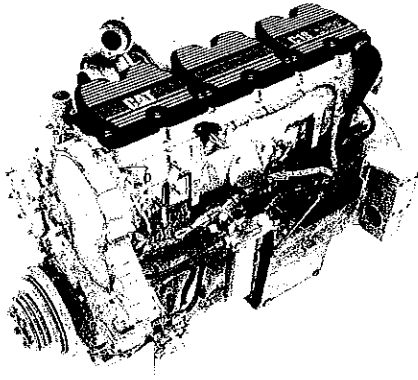


Image shown may not reflect  
actual engine

## **CATERPILLAR ENGINE SPECIFICATIONS**

### **I-6, 4-Stroke-Cycle Diesel**

Bore..... 137.2 mm (5.4 in)  
Stroke..... 171.4 mm (6.75 in)  
Displacement..... 15.2 L (927.56 in<sup>3</sup>)  
Aspiration..... Turbocharged Aftercooled  
Compression Ratio..... 18:1  
Rotation (from flywheel end)..... Counterclockwise  
Weight, Net Dry (approximate kg. lb)..... 1332 kg, 2937 lb

## **FEATURES**

### **Emissions**

Meets Tier 3, Stage IIIA emission requirements. Tier 3 refers to EPA (U.S.) standards. Stage IIIA refers to European standards.

### **Worldwide Supplier Capability**

Caterpillar  
- Casts engine blocks, heads, cylinder liners, and flywheel housings  
- Machines critical components  
- Assembles complete engine  
- Factory-designed systems built at Caterpillar ISO 9001:2000 certified facilities  
Ownership of these manufacturing processes enables Caterpillar to produce high quality, dependable product.

### **Testing**

Prototype testing on every model:  
- proves computer design  
- verifies system torsional stability  
- functionality tests every model

Every Caterpillar engine is dynamometer tested under full load to ensure proper engine performance.

### **Full Range of Attachments**

Wide range of bolt-on system expansion attachments, factory designed and tested.

### **Unmatched Product Support Offered Through Worldwide Caterpillar Dealer Network**

More than 1,800 dealer outlets  
Caterpillar factory-trained dealer technicians service every aspect of your industrial engine  
99.7% of parts orders filled within 24 hours worldwide  
Caterpillar parts and labor warranty  
Preventive maintenance agreements available for repair before failure options

Scheduled Oil Sampling program matches your oil sample against Caterpillar set standards to determine:

- internal engine component condition
- presence of unwanted fluids
- presence of combustion by-products

### **Web Site**

For all your industrial power requirements, visit [www.cat-industrial.com](http://www.cat-industrial.com).

**STANDARD ENGINE EQUIPMENT**

---

**Air Inlet System**

ATAAC  
Turbocharged

**Control System**

Electronic governing  
PTO speed control  
Programmable ratings  
Cold mode start strategy  
Automatic altitude compensation  
Power compensation for fuel temperature  
Programmable low and high idle and total engine limit  
Electronic diagnostics and fault logging  
Engine monitoring system  
J1939 Broadcast (diagnostic and engine status)  
ADEM™ A4

**Cooling System**

Thermostats and housing, vertical outlet  
Jacket water pump, centrifugal  
Water pump, inlet

**Exhaust System**

Exhaust manifold, dry  
Optional exhaust outlet

**Flywheels and Flywheel Housing**

SAE No. 1 Flywheel housing

**Fuel System**

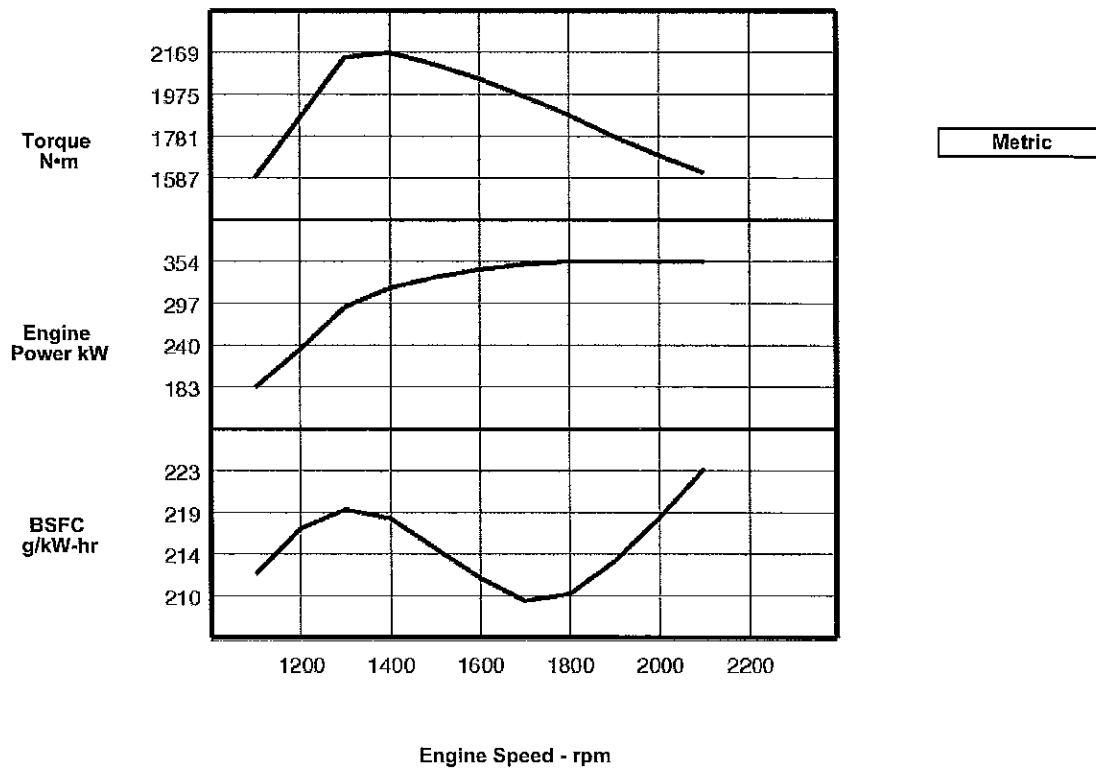
MEUI injection  
Fuel filter, secondary (2 micron high performance)  
Fuel transfer pump  
Fuel priming pump  
ACERT™ Technology

**Lube System**

Crankcase breather  
Oil cooler  
Oil filler  
Oil filter  
Oil pan front sump  
Oil dipstick  
Oil pump (gear driven)

**General**

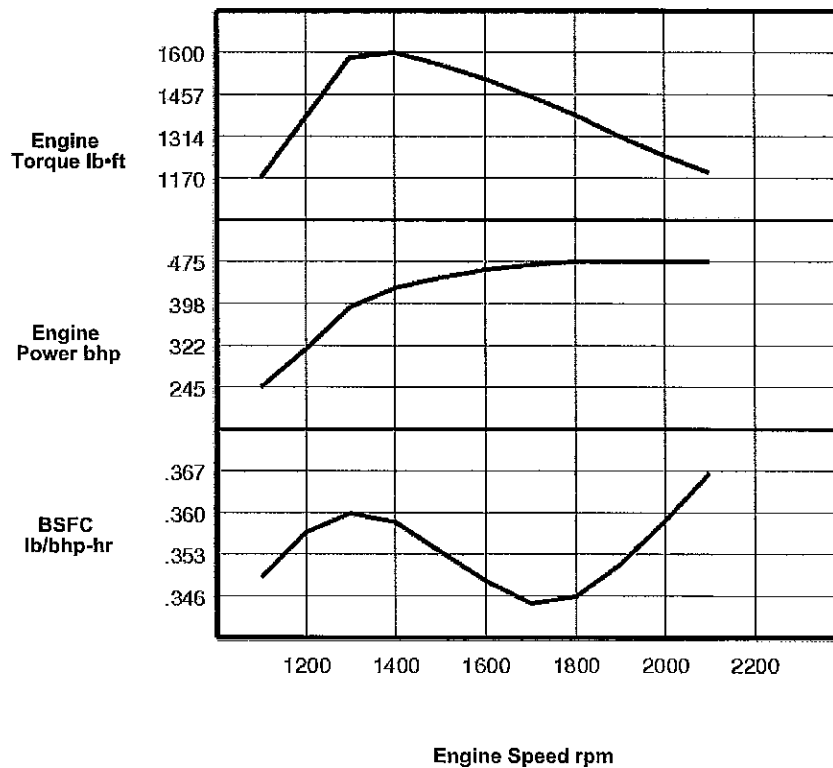
Paint, Caterpillar Yellow  
Vibration damper  
Lifting eyes

**PERFORMANCE CURVES**
**IND - B - DM7707-02**


Engine Speed rpm	Engine Power kW	Torque N·m	BSFC g/kW-hr	Fuel Rate L/hr
2100	354	1611	223	94.2
2000	354	1691	219.1	92.5
1900	354	1780	213	89.9
1800	354	1879	210.1	88.7
1700	350	1966	208.6	87.0
1600	343	2047	210.3	86.0
1500	332	2114	216.1	85.5
1400	318	2169	218.9	83.0
1300	292	2145	218.8	76.1
1200	235	1866	217	60.7
1100	183	1587	212.4	46.3

### PERFORMANCE CURVES

IND - B - DM7707-02



Engine Speed rpm	Engine Power bhp	Engine Torque lb·ft	BSFC lb/bhp-hr	Fuel Rate gal/hr
2100	475	1188	.367	24.9
2000	475	1247	.360	24.4
1900	475	1313	.350	23.7
1800	475	1386	.345	23.4
1700	469	1450	.343	23.0
1600	460	1510	.346	22.7
1500	445	1559	.355	22.6
1400	426	1600	.360	21.9
1300	392	1582	.360	20.1
1200	314	1376	.357	16.0
1100	245	1171	.349	12.2

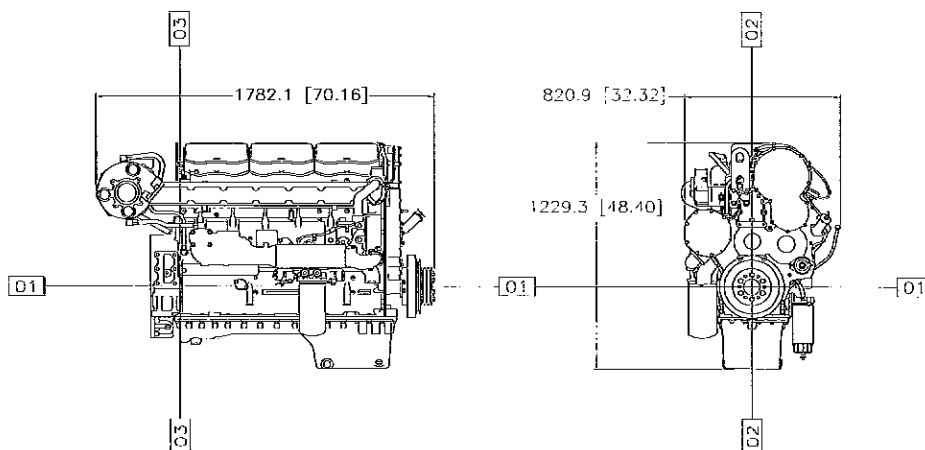


### RATINGS AND CONDITIONS

**IND - B** For service where power and/or speed are cyclic (time at full load not to exceed 80%).

**Engine Performance Diesel Engines** — 7 liter and higher

All rating conditions are based on SAE J1995, inlet air standard conditions of 99 kPa (29.31 in. Hg) dry barometer and 25°C (77°F) temperature. Performance measured using a standard fuel with fuel gravity of 35° API having a lower heating value of 42,780 kJ/kg (18,390 btu/lb) when used at 29° C (84.2° F) with a density of 838.9 g/L.



#### Engine Dimensions

(1) Length	1381.0 mm (54.37 in)
(2) Width	910.4 mm (35.84 in)
(3) Height	1274.5 mm (50.18 in)

Note: Do not use for installation design. See general dimension drawings for detail (Drawing # 2579952 ).

Performance Number: DM7707-02

Feature Code: C15DI11

Materials and specifications are subject to change without notice.

8678274

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The International System of Units (SI) is used in this publication.

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## **2010 ADVANTAGE SERIES LANDFILL COMPACTORS WALK-THROUGH CAB DESIGN**

Ergonomically-designed, enclosed, insulated and sound suppressed. ROPS/FOPS certified. **Standard equipment includes:**

- 2 Doors, walk-through design
- 40,000 BTU, front-mounted air conditioning system
- 30,000 BTU Heater and defroster with front and rear window vents
- Foot throttle/brake
- Adjustable joystick steering control
- Blade control lever with float
- Six-way adjustable, air-ride seat with lumbar support, arm rests, head rest and seatbelt
- AM/FM radio with cassette, speakers and antenna
- Two 12 V DC accessory connections (25 AMP)
- Integrated CB antenna
- Standard rear vision camera with full color monitor in cab
- Four exterior West Coast mirrors
- Intermittent front window wiper/washer, single speed rear window wiper/washer
- Six forward and four rear 65 watt halogen exterior work lights
- Floor mat and fluorescent dome light

### **ILLUMINATED ANALOG GAUGES:**

Engine oil pressure, coolant temperature, fuel level, tachometer.

### **MC400 ELECTRONIC DISPLAY SCREEN:**

Press the Display Scroll Switch to monitor engine coolant temperature, engine oil pressure, turbo boost, engine speed (RPM), battery voltage, hydraulic oil temperature, hydraulic oil level, hydraulic charge pressure/oil filter restriction, air filter restriction.

The MC400 display screen also alerts the operator if potentially damaging operating situations exist. Fault codes are available when system is switched to diagnostic mode.



May 16, 2005

Ms. Lesley Bailey  
Marketing Manager  
Al-jon Inc.  
14599 2<sup>nd</sup> Ave.  
Ottumwa IA 52501-9281

Dear Ms. Bailey:

Harley Davenport, our OEM Sales Engineer, asked that I clarify the progression of some of the industry consensus standards that the current Custom Products of Litchfield, Inc. cab designed for the Al-jon compactors will meet.

**ROPS**

SAE J395, "Minimum Performance Criteria for Roll-Over Protective Structures for Crawler Tractors and Crawler-Type Loaders", was one of the machine specific construction industry consensus standards that preceded the current machine consolidated construction industry consensus standard identified as SAE J1040, "Performance Criteria For Rollover Protective Structures (ROPS), For Construction, Earth Moving, Forestry, and Mining Machines". The Al-jon unit displays compliance to SAE J1040. ISO standard 3471, "Earth-moving machinery – Roll-over protective structures – Laboratory tests and performance requirements", is technically equivalent to SAE J1040 and now supersedes SAE J1040 in the current SAE handbook of standards. I recommend that we continue to show compliance to SAE J1040 on the serial number tag that we post on each cab we ship to Al-jon. If you want us to show compliance to ISO 3471 on the serial number tag, we can, at your request.

*Manufacturers of off-highway operator protection: Cabs, ROPS, and FOPS*

Box 718 • Litchfield, Minnesota 55355-0718 • Local 320-693-3221 • Toll free 800-222-5463 • FAX 320-693-7252  
Internet address <http://www.800cabline.com>



Page Two  
Ms. Lesley Bailey  
May 16, 2005

**FOPS**

SAE J231, "Minimum Performance Criteria for Falling Object Protective Structures", is the construction industry consensus standard for heavy falling object protection. The Al-jon unit displays compliance to SAE J231. ISO standard 3449 level II, "Earth-moving machinery – Falling Object protective structures – Laboratory tests and performance requirements", is technically equivalent to SAE J231 and now supersedes SAE J231 in the current SAE handbook of standards. I recommend that we continue to show compliance to SAE J231 on the serial number tag that we post on each cab we ship to Al-jon. If you want us to show compliance to ISO 3449 level II on the serial number tag, we can, at your request.

Keeping the SAE designations is important because some regulatory authorities do not recognize ISO standards. Adding the corresponding ISO equivalent standards should not confuse regulatory inspectors as long as the SAE designations are also posted.

Sincerely,  
CUSTOM PRODUCTS OF LITCHFIELD, INC.

J.P. Schmitt  
Director of Engineering and Regulatory Compliance



## Standard Advantage 500 Wheels



Wheels are 48" wide with 1" thick outer drums, 58" drum diameter and 74" overall diameter measured over the cleats.

Al-jon's standard one-piece weld-on cleats are 8" tall and are arranged in a pattern of 4 rows of 7 traction style cleats per wheel to provide excellent material demolition and machine traction. Cleats are shaped to clean themselves of cohesive waste materials without the need for wheel cleaner bars.

Set of 4 wheels weighs 22,400 pounds.

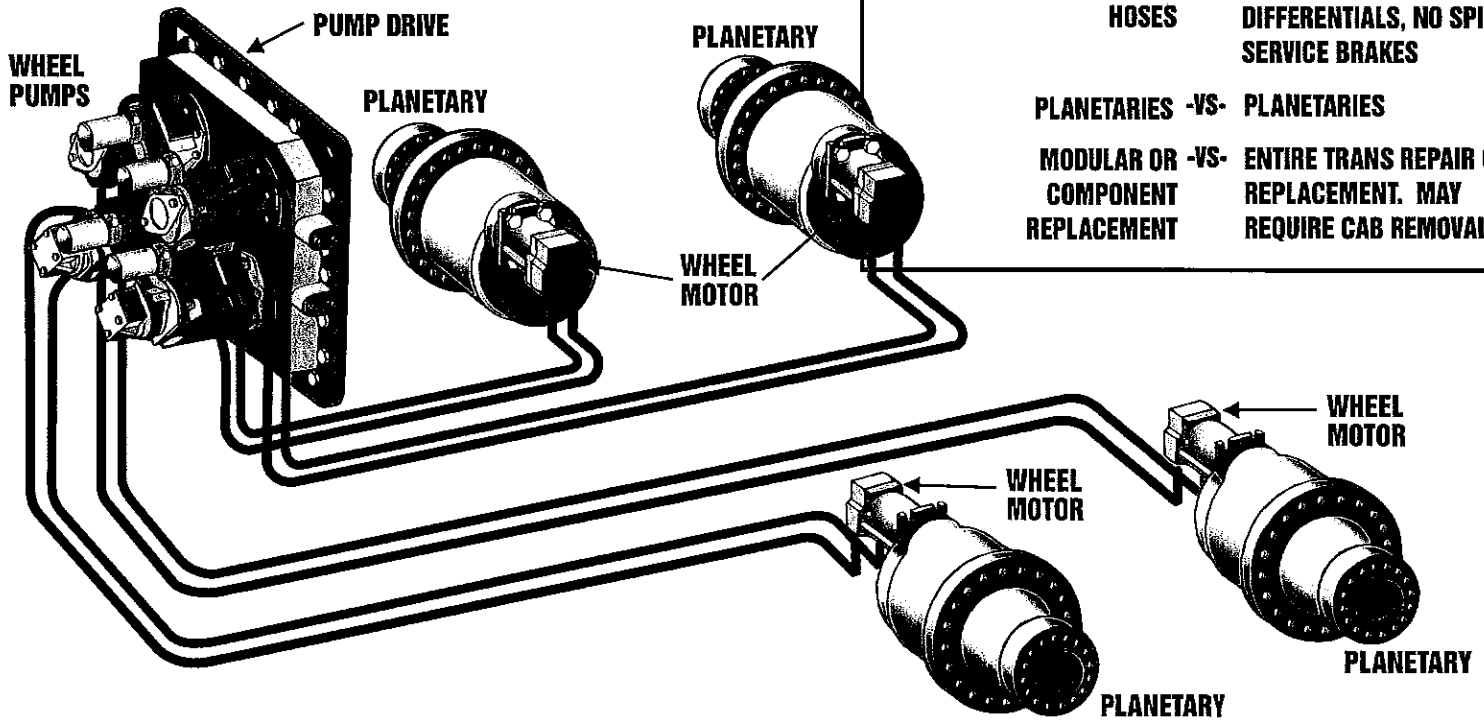
# HYDROSTATIC TRANSMISSION

-VS-

# CONVENTIONAL TRANSMISSION

**ALJON**  
MFG

## HYDROSTATIC TRANSMISSION



## HYDROSTATIC -VS- CONVERTER

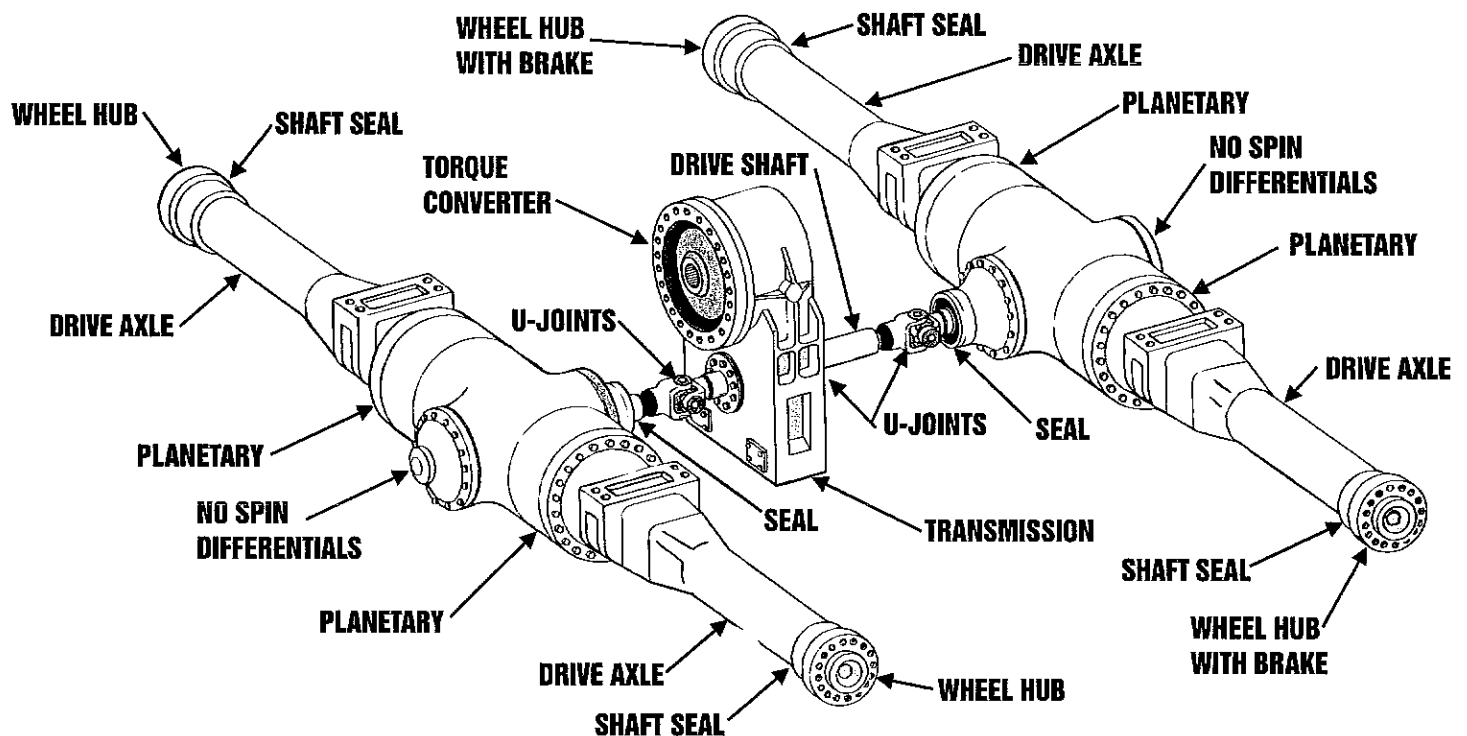
HYDROSTATIC PUMP DRIVE -VS- TORQUE CONVERTER  
FOUR WHEEL PUMPS/MOTORS -VS- TRANSMISSION UNIT

HYDROSTATIC TRANSMISSION -VS- HOSES  
MULTIPLE "U" JOINTS  
MULTIPLE DRIVE SHAFTS  
DIFFERENTIALS, NO SPIN  
SERVICE BRAKES

PLANETARIES -VS- PLANETARIES

MODULAR OR -VS- ENTIRE TRANS REPAIR OR  
COMPONENT REPLACEMENT  
REQUIRE CAB REMOVAL

## CONVENTIONAL TRANSMISSION



**STANDARD WARRANTY POLICY  
2010 AL-JON ADVANTAGE 500C1 LANDFILL COMPACTOR  
ACADIA PARISH POLICE JURY – BID 3/01/10**

**TOTAL COVERAGE – ONE (1) YEAR OR 2,000 HOURS**

Al-jon Manufacturing LLC warrants its new products to be free from defects in workmanship and materials at time of shipment from the point of manufacture. Al-jon will repair or replace, without charge for parts or labor, any part of its new product that fails to conform to this warranty for a period of one (1) year or 2,000 hours from date of delivery to the original purchaser, whichever occurs first.

Engine warranty will be administered per the terms and conditions of the engine manufacturer's extended warranty coverage contract and engine maintenance schedule. The purchaser will pay applicable travel time, mileage charges and/or deductible charges not covered by the engine manufacturer's warranty.

Attachments specified by the purchaser and installed by Al-jon will be warranted per the terms and conditions of the manufacturer of the component in question and not of the unit as a whole. Typical attachments include, but are not limited to radio equipment, supplemental lighting, strobe lights and/or beacons, rear vision camera systems, external heating devices, automatic lubrication systems and automatic fire suppression systems.

**Failed components become the property of the manufacturer and are to be returned to Al-jon, freight prepaid by the purchaser, for warranty evaluation. Determination of warranty shall be of the manufacturer of the component in question and not of the unit as a whole.**

---

**EXCLUSIONS**

**This warranty does not cover component failures caused by:**

- Failure to follow the manufacturer's published maintenance instructions, including daily inspection and maintenance
- Failure to complete the engine manufacturer's published engine maintenance requirements
- Operator abuse, neglect, improper operation or accident
- Loose mounting brackets, belts or fasteners (i.e. bolts, nuts, etc.), blown O-rings or hoses
- Failure to adjust mechanical steering stop blocks per the manufacturer's recommendation
- Damage to wheel cleaner fingers or striker bars
- Failure of automatic lubrication systems (Original OEM manufacturer's warranty only)
- Use of improper or contaminated fuel, coolants or lubricants
- Acts of God, war, vandalism, riot, theft, explosion or any other act of nature or man

**The following items are specifically excluded from this warranty:**

- Preventive maintenance labor, fluids and supplies
- Normal wear items, including, but not limited to batteries, wheel cleats, wheel cleaner bar "fingers", dozer cutting edges, light bulbs, wiper blades and belts
- Engine maintenance items identified by the engine manufacturer, including injectors, starters, alternators and voltage regulators.
- Glass & Mirrors

**THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE COMPANY'S LIABILITY, WHETHER IN CONTRACT OR IN TORT, ARISING OUT OF WARRANTIES OR REPRESENTATIONS, INSTRUCTIONS, OR DEFECTS FROM ANY CAUSE, SHALL BE LIMITED EXCLUSIVELY TO REPAIR OR REPLACEMENT OF PARTS AND LABOR UNDER THE CONDITIONS AFORESAID. AL-JON MANUFACTURING LLC IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO DOWNTIME.**

---

***IMPORTANT NOTE: It is the responsibility of the purchaser to supply hydraulic and engine oil samples to the manufacturer for analysis every 250 engine hours during the warranty period. Samples are to be taken from the engine, pump drive gear box, each of 4 planetary wheel hubs, and the hydraulic fluid tank. Failure to submit the required samples on a timely basis will result in termination of remaining warranty coverage. The purchaser will be responsible for all costs associated with oil sampling.***

Effective with sales to the first user on or after February 1, 2008

# CATERPILLAR LIMITED WARRANTY

Industrial, Petroleum, Locomotive, Agriculture Engine Products and Electric Power Generation Products  
Worldwide

Caterpillar, Inc. or any of its subsidiaries ("Caterpillar") warrants new and Remanufactured engines and electric power generation products sold by it (including any products of other manufacturers packaged and sold by Caterpillar) to be free from defects in material and workmanship.

This warranty does not apply to Caterpillar Motoren (CM) product, engines sold for use in on-highway vehicle or marine applications, engines in machines manufactured by or for Caterpillar, 3500 and 3600 Family engines used in locomotive applications, 3000 Family engines, C0.5 through C4.4 and AGERT (C6.6, C7, C9, C11, C13, C15, C18, C27, and C32) engines used in industrial applications, or Caterpillar brand batteries. These products are covered by other Caterpillar warranties.

This warranty is subject to the following:

## Warranty Period

- For new industrial engines, engines in a Petroleum application or Petroleum Power Systems, or engines in a Locomotive application, or Uninterruptible Power Supply (UPS) systems, the warranty period is 12 months after date of delivery to the first user.
- For Mobile Agricultural applications and Automatic Transfer Switch (ATS) products the warranty period is 24 months after date of delivery to the first user.
- For electric power generation products in prime or continuous applications the warranty period is 12 months. For standby applications the warranty period is 24 months/1000 hours. For emergency standby applications the warranty period is 24 months/400 hours. All terms begin after date of delivery to the first user.
- For all Remanufactured engines, the warranty period is 6 months (12 months for mobile agricultural and standby electric power generation applications) after date of delivery to the first user.

## Caterpillar Responsibilities

If a defect in material or workmanship is found during the warranty period, Caterpillar will, during normal working hours and through a place of business of a Caterpillar dealer or other source approved by Caterpillar:

- Provide (at Caterpillar's choice) new, Remanufactured or Caterpillar-approved repaired parts or assembled components needed to correct the defect.

Note: Items replaced under this warranty become the property of Caterpillar.

- Replace lubricating oil, filters, coolant and other service items made unusable by the defect.
- Provide reasonable or customary labor needed to correct the defect, including labor to disconnect the product from and reconnect the product to its attached equipment, mounting, and support systems, if required.

For new 3114, 3116 and 3126 engines and electric power generation products (including any new products of the other manufacturers packaged and sold by Caterpillar):

- Provide travel labor, up to four hours round trip if, in the opinion of Caterpillar, the product cannot reasonably be transported to a place of business of a Caterpillar dealer or other source approved by Caterpillar (travel labor in excess of four hours round trip, and any meals, mileage, lodging, etc. is the user's responsibility).

For all other products:

- Provide reasonable travel expenses for authorized mechanics, including meals, mileage, and lodging, when Caterpillar chooses to make the repair on-site.

## User Responsibilities

The user is responsible for:

- Providing proof of the delivery date to the first user.
- Labor costs, except as stated under "Caterpillar Responsibilities", including costs beyond those required to disconnect the product from and reconnect the product to its attached equipment, mounting, and support systems.
- Travel expenses not covered under "Caterpillar Responsibilities".
- All costs associated with transporting the product to and from the place of business of a Caterpillar dealer or other source approved by Caterpillar.
- Premium or overtime labor costs.
- Parts shipping charges in excess of those which are usual and customary.
- Local taxes, if applicable.
- Costs to investigate complaints, unless the problem is caused by a defect in Caterpillar material or workmanship.
- Giving timely notice of a warrantable failure and promptly making the product available for repair.
- Performance of the required maintenance (including use of proper fuel, oil, lubricants and coolant) and items replaced due to normal wear and tear.
- Allowing Caterpillar access to all electronically stored data.

(continued on reverse side...)



## Limitations

Caterpillar is not responsible for:

- Failures resulting from any use or installation which Caterpillar judges improper.
- Failures resulting from attachments, accessory items and parts not sold or approved by Caterpillar.
- Failures resulting from abuse, neglect and/or improper repair.

- Failures resulting from user's delay in making the product available after being notified of a potential product problem.
- Failures resulting from unauthorized repair or adjustments, and unauthorized fuel-setting changes.
- Damage to parts, fixtures, housings, attachments, and accessory items that are not part of the engine or electric power generation product (including any products of other manufacturers packaged and sold by Caterpillar).

- Repair of components sold by Caterpillar that is warranted directly to the user by their respective manufacturer. Depending on type of application, certain exclusions may apply. Consult your Caterpillar dealer for more information.

*For products operating outside of Australia, Fiji, Nauru, New Caledonia, New Zealand, Papua New Guinea, the Solomon Islands and Tahiti, the following is applicable:*

NEITHER THE FOREGOING EXPRESS WARRANTY NOR ANY OTHER WARRANTY BY CATERPILLAR, EXPRESS OR IMPLIED, IS APPLICABLE TO ANY ITEM CATERPILLAR SELLS WHICH IS WARRANTED DIRECTLY TO THE USER BY ITS MANUFACTURER.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXCEPT CATERPILLAR EMISSION-RELATED COMPONENTS WARRANTIES FOR NEW ENGINES, WHERE APPLICABLE. REMEDIES UNDER THIS WARRANTY ARE LIMITED TO THE PROVISION OF MATERIAL AND SERVICES, AS SPECIFIED HEREIN.

CATERPILLAR IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

CATERPILLAR EXCLUDES ALL LIABILITY FOR OR ARISING FROM ANY NEGLIGENCE ON ITS PART OR ON THE PART OF ANY OF ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN RESPECT OF THE MANUFACTURE OR SUPPLY OF GOODS OR THE PROVISION OF SERVICES RELATING TO THE GOODS.

IF OTHERWISE APPLICABLE, THE VIENNA CONVENTION (CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS) IS EXCLUDED IN ITS ENTIRETY.

For personal or family use engines or electric power generation products, operating in the USA, its territories and possessions, some states do not allow limitations on how long an implied warranty may last nor allow the exclusion or limitation of incidental or consequential damages. Therefore, the previously expressed exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary by jurisdiction. To find the location of the nearest Caterpillar dealer or other authorized repair facility, call (800) 447-4986. If you have questions concerning this warranty or its applications, call or write:

In USA and Canada: Caterpillar Inc., Engine Division, P. O. Box 610, Mossville, IL 61552-0610. Attention: Customer Service Manager. Telephone (800) 447-4986. Outside the USA and Canada: Contact your Caterpillar dealer.

*For products operating in Australia, Fiji, Nauru, New Caledonia, New Zealand, Papua New Guinea, the Solomon Islands and Tahiti, the following is applicable:*

THIS WARRANTY IS IN ADDITION TO WARRANTIES AND CONDITIONS IMPLIED BY STATUTE AND OTHER STATUTORY RIGHTS AND OBLIGATIONS THAT BY ANY APPLICABLE LAW CANNOT BE EXCLUDED, RESTRICTED OR MODIFIED ("MANDATORY RIGHTS"). ALL OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED (BY STATUTE OR OTHERWISE), ARE EXCLUDED.

NEITHER THIS WARRANTY NOR ANY OTHER CONDITION OR WARRANTY BY CATERPILLAR, EXPRESS OR IMPLIED (SUBJECT ONLY TO THE MANDATORY RIGHTS), IS APPLICABLE TO ANY ITEM CATERPILLAR SELLS WHICH IS WARRANTED DIRECTLY TO THE USER BY ITS MANUFACTURER.

TO THE EXTENT PERMITTED UNDER THE MANDATORY RIGHTS, IF CATERPILLAR IS THE SUPPLIER TO THE USER, CATERPILLAR'S LIABILITY SHALL BE LIMITED AT ITS OPTION TO (a) IN THE CASE OF SERVICES, THE SUPPLY OF THE SERVICES AGAIN OR THE PAYMENT OF THE COST OF HAVING THE SERVICES SUPPLIED AGAIN, AND (b) IN THE CASE OF GOODS, THE REPAIR OR REPLACEMENT OF THE GOODS, THE SUPPLY OF EQUIVALENT GOODS, THE PAYMENT OF THE COST OF SUCH REPAIR OR REPLACEMENT OR THE ACQUISITION OF EQUIVALENT GOODS. CATERPILLAR EXCLUDES ALL LIABILITY FOR OR ARISING FROM ANY NEGLIGENCE ON ITS PART OR ON THE PART OF ANY OF ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN RESPECT OF THE MANUFACTURE OR SUPPLY OF GOODS OR THE PROVISION OF SERVICES RELATING TO THE GOODS.

CATERPILLAR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES UNLESS IMPOSED UNDER MANDATORY RIGHTS.

IF OTHERWISE APPLICABLE, THE VIENNA CONVENTION (CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS) IS EXCLUDED IN ITS ENTIRETY.

This warranty covers every major component of the products. Claims under this warranty should be submitted to a place of business of a Caterpillar dealer or other source approved by Caterpillar. For further information concerning either the location to submit claims or Caterpillar as the issuer of this warranty, write Caterpillar Inc., 100 N. E. Adams St., Peoria, IL USA 61629.

**OPTIONAL EXTENDED WARRANTY POLICY  
2010 AL-JON ADVANTAGE 500C1 LANDFILL COMPACTOR  
ACADIA PARISH POLICE JURY – BID 3/01/10**

**TOTAL COVERAGE  
ONE (1) YEAR OR 2,000 HOURS**

Al-jon Manufacturing LLC warrants its new products to be free from defects in workmanship and materials at time of shipment. Al-jon will repair or replace, without charge for parts or labor, any part of its new product that fails to conform to this warranty for a period of one (1) year or 2,000 hours from date of delivery to the original purchaser, whichever occurs first.

**Failed components become the property of the manufacturer and are to be returned to Al-jon, freight prepaid by the purchaser, for warranty evaluation. Determination of warranty shall be of the manufacturer of the component in question and not of the unit as a whole.**

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**POWER TRAIN COVERAGE  
THREE (3) YEARS or 5,000 HOURS**

Covered power train components will be repaired or replaced with new or rebuilt components without charge for parts or repair labor during the first five (5) years or 10,000 hours of operation from date of delivery to the original purchaser, whichever occurs first. Determination of warranty shall be of the manufacturer of the component in question and not of the unit as a whole.

**Covered Components:**

**Final drives  
Wheel pumps  
Wheel motors  
Gearbox**

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**CATERPILLAR C15 ACERT ENGINE  
FIVE (5) YEARS OR 10,000 HOURS**

Warranty will be administered per the terms and conditions of Caterpillar's 2010 Industrial Engine Extended Service Coverage contract (LEE6232-08) GOLD LEVEL option and engine maintenance schedule. The purchaser is responsible for applicable deductible charges and/or travel time and mileage charges not covered by Caterpillar's warranty.

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**IMPORTANT NOTE: It is the responsibility of the purchaser to supply hydraulic and engine oil samples to the manufacturer for analysis every 250 engine hours during the warranty period. Samples are to be taken from the engine, pump drive gear box, each of 4 planetary wheel hubs, and the hydraulic fluid tank. Failure to submit the required samples on a timely basis will result in termination of remaining warranty coverage. The purchaser will be responsible for all costs associated with oil sampling.**

## **EXCLUSIONS**

Warranty coverage is granted to the original purchaser only and is non-transferable. Purchasers operating multiple landfill sites are required to notify Al-jon's Service Department prior to moving machines to other locations. Operator and maintenance training at the new site will be available from Al-jon at normal field rate plus travel time, mileage and expenses. Paperwork for the transfer of remaining warranty will be filed only when on site training has been completed successfully.

Attachments specified by the purchaser and installed by Al-jon will be warranted per the terms and conditions of the manufacturer of the component in question and not of the unit as a whole. Typical attachments include, but are not limited to radio equipment, supplemental lighting, strobe lights and/or beacons, rear vision camera systems, external heating devices, automatic lubrication systems and automatic fire suppression systems.

**This warranty does not cover component failures caused by:**

- Failure to follow the manufacturer's published maintenance instructions
- Operator abuse, neglect, improper operation or accident
- Loose mounting brackets, belts or fasteners (i.e. bolts, nuts, etc.), blown O-rings or hoses
- Failure to adjust mechanical steering stop blocks per the manufacturer's recommendation
- Damage to wheel cleaner fingers or striker bars
- Failure of automatic lubrication systems (Original OEM manufacturer's warranty only)
- Use of improper or contaminated fuel
- Acts of God, war, vandalism, riot, theft, explosion or any other act of nature or man

**Warranty coverage for the following components is specifically limited to failures due to manufacturing defect during the first year or 2,000 hours of operation:**

- Steering and blade pumps
- Wiring Harnesses
- Hoses, tubes and fittings
- F-N-R levers, joystick steering and blade control levers
- Gaskets between hydraulic pumps and gear box
- Air conditioning components, compressor and mounting brackets
- Alternator and mounting brackets
- Wheel motor access doors
- Center joint doors
- Center joint pins and bushings
- Rear axle pins and bushings
- Operator's seat and adjustment mechanisms
- Standard AM/FM radio, cassette or CD and antenna

**The following items are specifically excluded from this warranty:**

- Preventive maintenance labor, fluids and supplies
- Normal wear items, including, but not limited to batteries, wheel cleats, wheel cleaner bar "fingers," dozer cutting edges, light bulbs, wiper blades and belts
- Engine maintenance items identified by the engine manufacturer, including injectors, starters, alternators and voltage regulators
- Engine components and service "deductibles," travel time and/or mileage not covered by the engine manufacturer
- Glass & Mirrors

**THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE COMPANY'S LIABILITY, WHETHER IN CONTRACT OR IN TORT, ARISING OUT OF WARRANTIES OR REPRESENTATIONS, INSTRUCTIONS, OR DEFECTS FROM ANY CAUSE, SHALL BE LIMITED EXCLUSIVELY TO REPAIR OR REPLACEMENT OF PARTS AND LABOR UNDER THE CONDITIONS AFORESAID. AL-JON MANUFACTURING LLC IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO DOWNTIME.**

**CATERPILLAR****2010 INDUSTRIAL ENGINE  
EXTENDED SERVICE COVERAGE****New and Used Industrial Engine Extended Service Coverage (ESC) Registration Certificate**

Contract Pricing Effective: January 1, 2010 through December 31, 2010

CUSTOMER NAME: SAMPLE PHONE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_

STATE / PROVINCE: \_\_\_\_\_ POSTAL CODE: \_\_\_\_\_ COUNTRY: \_\_\_\_\_

CATERPILLAR DEALER (non-U.S. Provider): \_\_\_\_\_ DEALER CODE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_

STATE / PROVINCE: \_\_\_\_\_ POSTAL CODE: \_\_\_\_\_ COUNTRY: \_\_\_\_\_

INDUSTRIAL SERVICE DEALER: \_\_\_\_\_ DEALER CODE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_

STATE / PROVINCE: \_\_\_\_\_ POSTAL CODE: \_\_\_\_\_ COUNTRY: \_\_\_\_\_

**U.S. PROVIDER:** Caterpillar Inc., 2120 West End Avenue, Nashville, TN. Telephone number: 1-800-248-4228, see Section XVII for details.**REGISTRATION DETAIL**New Engine ESC ☒Advantage Coverage\* ☐New Engine ESC Upgrade ☐

Serial Number: \_\_\_\_\_

Engine Model: C15 ACERT

Delivery Date: \_\_\_\_\_

Current Hours: \_\_\_\_\_

Coverage Start Date (Advantage Inspection Date): \_\_\_\_\_

Coverage Start Hours (Advantage Inspection Hours): \_\_\_\_\_

**EXTENDED SERVICE COVERAGE OPTIONS AND TERMS****Coverage Type:**Silver ☐  
Gold ☒  
Platinum ☐  
Platinum Plus\* ☐**Coverage Terms:**Coverage Months: 60  
Coverage Hours: 10,000  
Annual Hours: \_\_\_\_\_  
Deductible: 250.00**Special Quote Number:**0**EXTENDED SERVICE COVERAGE FEE**

ESC Fee U.S.\$ \_\_\_\_\_

Included in extended warranty quote

Applicable taxes U.S.\$ \_\_\_\_\_

**Total** U.S.\$ **0.00****Coverage Summary:****LIMIT OF LIABILITY:**

The maximum amount we will pay for any single claim will be the reasonable cost to repair or replace the covered equipment, not to exceed Caterpillar's list price for equivalent covered equipment.

I hereby certify that I have read and understand the terms and conditions checked above and as specified within the additional number of pages indicated on the bottom of this Registration Certificate

I hereby certify that the engine serial number indicated above is eligible for the extended coverage as specified on this Registration Certificate and have read and understand the Dealer's responsibilities as specified in the Extended Service Coverage Program Administration Manual.

Customer Signature

Date

Authorized Dealer Representative

Date

## I. INTRODUCTION

This Extended Coverage, herein referred to as the "Contract," is specifically for Caterpillar Industrial Engines and is an important part of the Provider's continuing effort to provide "you" with superior value and product support.

## II. TERMS AND CONDITIONS

This Contract provides parts and labor coverage, less any applicable deductible, for the "cost" of a "mechanical breakdown" under normal use during the "coverage period" due to a defect in material or factory workmanship of "covered components." This Contract is subject to the applicable exclusions listed under Section VIII. Exclusions and Limitations. The Registration Certificate must be completed in its entirety on the date of registration. "You" should purchase this Contract on the "covered equipment's" original purchase date from an "authorized dealer". Certain fees, penalties and coverage availability limits may apply for Extended Service Coverage Contracts requested after the original purchase date. "You" must contact an "authorized dealer" for complete details.

For Advantage, the coverage under this Contract starts at:

1. The date of successful completion of the Advantage Coverage Inspection for engines not awaiting resale, or within 12 months from the original date of the Advantage Coverage Inspection for engines awaiting resale, or
2. the transfer of coverage from an "Authorized dealer" to "You"

## III. DEFINITIONS

"Authorized dealer" means a dealer authorized by the manufacturer to sell, service and repair the "covered equipment".

"Cost(s)" means the usual and fair charges as determined by the manufacturer for parts and labor only necessary to repair or replace the parts covered as specified in the Extended Coverage Matrix. Replacement parts will be genuine manufacturer's parts when performing repairs and may include new, remanufactured or repaired components.

"Coverage period" means the period that commences with the new engine delivery date or Advantage Coverage Inspection Date as shown on the Registration Certificate and expires when time or hours, whichever occurs first, from the first date of coverage of the "covered equipment", exceeds the Extended Coverage limits as specified on the first page of this Registration Certificate.

"Covered component" means the components listed and identified for the appropriate level of coverage on the Extended Coverage Matrix (attached to and made a part of this Contract).

"Covered equipment" means the equipment identified by serial number for this Contract as recorded on the Registration Certificate and accepted by "us".

"Repairer(s)" means a business entity "we" have authorized as a repair facility or "authorized dealer".

"Mechanical Breakdown" means the failure of any original or replacement "covered component" to work as it was designed to work in normal service, provided it has received customary maintenance as recommended in the manufacturer's Operation and Maintenance Manual.

"Warranty" means the manufacturer's standard warranty or a "repairer's" guarantee or warranty.

"We," "us," and "our" mean the Provider issuing this Contract and further defined in Section XVI.

"You" and "your" mean the customer shown on the Registration Certificate

## IV. OUR RESPONSIBILITIES

"We" will pay the "cost", less any applicable deductible, to repair, replace or service the "covered equipment" for a "mechanical breakdown" of a "covered component". This work will be during normal working hours at a "repairer's" place of business. "We" will provide, at "our" choice, new, remanufactured or repaired components when replacing or repairing any "covered components". Further, "we" will also pay for any Cat Inc. component that is rendered unserviceable by a "covered component" failure and the labor necessary for repair.

"We" will restore the "covered equipment" to its operating condition prior to the "mechanical breakdown" by repairing and / or replacing only the required "covered components" and consequentially damaged Cat Inc. components necessary to facilitate the repair. "We" will pay the reasonable labor to disconnect the "covered equipment" and reconnect the "covered equipment" to its attached equipment, mounting, and support systems, if required. Other parts or components removed in the process of the repair will be reinstalled as is, unless "you" authorize "your" additional expense to repair or replace.

We will also pay the reasonable "costs" of any expendables or consumables that are made unusable as a result of a "covered component" failure.

## V. YOUR RESPONSIBILITIES

"You" shall operate, maintain and perform all recommended maintenance for the "covered equipment" according to the guidelines and recommendations as specified in the manufacturer's Operation and Maintenance Manual and as specified in the covered component section of this Contract.

"You" shall utilize an "authorized dealer" for all scheduled oil sampling (S.O.S.) as specified in the manufacturer's Operation and Maintenance Manual by submitting samples promptly with necessary sample information at the specified service intervals.

"You" shall be responsible for labor and material costs for "covered equipment" removal and reinstallation, except as stated in Section IV. Our Responsibilities.

"You" shall be responsible for all "costs" not covered by this Contract.

## VI. COVERAGE TERRITORY

Whenever coverage provided by this Contract would be in violation of any U.S. economic or trade sanctions such as, but not limited to, sanctions administered and enforced by the U.S. Treasury Department's Office of Foreign Assets Control ("OFAC"), such coverage shall be null and void. Similarly, any coverage relating to or referred to in any certificates or other evidence of coverage or any claim that would be in violation of U.S. economic or trade sanctions as described above shall be null and void.

## VII. CLAIM PROCEDURES

In the event of a "mechanical breakdown" of the "covered equipment", "you" shall:

1. Take all reasonable steps to protect and safeguard the "covered equipment"
2. Report the "mechanical breakdown" promptly to "us" or a "repairer".
3. Promptly make the "covered equipment" available to a "repairer" for repair and examination and provide proof of this Extended Coverage by presenting the customer copy of the Registration Certificate.
4. Furnish "us" or a "repairer" with such information as may be reasonably required to assess the "mechanical breakdown".
5. Upon request, provide proof of compliance with the maintenance schedules as recommended in the manufacturer's Operation and Maintenance Manual, such as receipts or copies of work orders or invoices from "repairers" or "authorized dealers" showing the maintenance and services performed. Failure to show proof of proper maintenance may result in denial of coverage.

## VIII. EXCLUSIONS AND LIMITATIONS

This Contract does not cover a "mechanical breakdown" caused by:

- Wear and tear, normal wear out of components, corrosion, or physical or mechanical erosion;
- Use of improper or contaminated fuel and/or fluid, failure to use proper levels of lubricants or coolants;
- "Repairer" workmanship;
- Engine modifications unless those modifications were performed at the authorized written request of "us";
- Abuse, neglect, misuse or lack of customary maintenance, including without limitation:
  - I. Any failure to observe and comply with maintenance and servicing practices, specifications, intervals and requirements recommended or directed by the manufacturer;
  - II. Any failure to test oil samples according to an oil sampling program or analysis (including infrared analysis) as recommended or directed by the manufacturer; or
  - III. Any failure to inspect the "covered equipment" each 1,000 operating hours or at such other intervals as the manufacturer or "we" may recommend or direct from time to time;
- Failure of a component which is not a "covered component";
- Application of the "covered equipment" for a use that is not approved by "us";
- Use or establishment of fuel settings for "covered equipment" which are inconsistent with settings recommended by "us" or the manufacturer.

This Contract also does not pay for the costs arising from:

- Acts of God, vermin, collision, fire, theft, vandalism, riot, explosion, lightning, earthquake, wind, storm, hail, water freezing, or flood;
- Performance-related complaints, including adjustments to fuel settings or electronic unit injectors;
- The supply or consumption of lube oils, grease, coolant or air conditioner refrigerant, unless otherwise provided in this Contract or agreed by "us";
- Works which improve operating performance, including replacing or repairing valves and rings worn by normal use;
- Any loss of or damage to a "covered component" occurring or arising outside the Coverage Territory;
- Engine tune-ups or other routine maintenance items or any normally scheduled preventive maintenance or maintenance services, including valve lash adjustments, and maintenance items including filters, fuel nozzles, fuel injectors thermostats, seals and gaskets;
- Storage or miscellaneous shop supply charges;
- Steel Shims and cast iron block inserts;
- Clamps and other fasteners not specified on the Coverage Matrix;
- Any and all "mechanical breakdowns" of failures that are covered under any "warranty" whether enforceable or not;
- Parts shipping charges and service charges;
- Any and all taxes;
- "Your" expenses from loss of time, inconvenience, downtime or downtime-related expenses, or other incidental or consequential loss to "you" that results from a "mechanical breakdown."

## **IX. TRANSFER OR ASSIGNMENT OF EXTENDED COVERAGE**

The remaining coverage of this Contract may be transferred or assigned to subsequent owners other than an "authorized dealer" during the "coverage period" at no extra charge provided the new owner of the "covered equipment" presents a copy of the current Registration Certificate to "us" within ten (10) days of the transfer of the "covered equipment's" title and "we" approve the transfer or assignment of the coverage.

## **X. TERMINATIONS AND REFUNDS**

**Cancellation by You.** "You" may cancel this Coverage Contract by providing written notice to "us" of "your" intent to cancel. Cancellation will be effective on the date "we" receive the cancellation notice.

**Refund and Administration Fee.** If "you" cancel this Contract by returning it to "us" within ten (10) days of issue, "your" refund shall be the Coverage Fees less any claims paid and a \$100.00 administration fee. If "you" cancel this contract by returning it to "us" after ten (10) days from issue, the pro-rated refund will be based on the lesser of months, miles or hours of unused coverage less any claims paid and a \$100.00 administration fee. No refund is available if coverage is transferred or assigned to a subsequent owner. A ten percent (10%) penalty shall be added to the refund if not paid within thirty (30) days from the time this contract was returned to "us".

**Cancellation by Us.** "We" may cancel this Contract and return to "you" the pro-rated refund based on the lesser of months, miles or hours of unused coverage less any claims paid and a \$100.00 administration fee for the following reasons: the coverage fee for this Contract has not been paid by "you", the manufacturer's warranty has been cancelled or voided, or a substantial breach of duties by "you" relating to the "covered equipment" or its use. If there is a material misrepresentation in the Registration Certificate, "we" may void this Contract without written notice and "you" will not be charged the Coverage Fee.

## **XI. DISCLAIMERS**

**OUR RESPONSIBILITIES AND YOUR REMEDIES UNDER THIS CONTRACT ARE LIMITED TO THE PROVISIONS OF MATERIAL AND LABOR AS SPECIFIED HEREIN.**

**WE DISCLAIM ANY EXPRESSED OR IMPLIED WARRANTIES IN CONNECTION HERewith INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

**WE ARE NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

**REPLACEMENT PARTS FURNISHED UNDER THE TERMS OF THIS EXTENDED COVERAGE CONTRACT ARE COVERED UNDER THE APPLICABLE REPLACEMENT PARTS WARRANTY.**

**THIS CONTRACT DOES NOT SUPERCEDE THE EMISSION WARRANTY FOR EMISSION RELATED COMPONENTS.**

**MISREPRESENTATION OF THE COVERED EQUIPMENT'S ELIGIBILITY FOR EXTENDED COVERAGE, OR THE ACTUAL ACCUMULATED MILES, HOURS, FUEL BURN OR AGE SHALL RESULT IN CANCELLATION OF THIS CONTRACT BY US.**

**WE SHALL BE ENTITLED TO ALL OTHER REMEDIES.**

## **XII. CUSTOMER ASSISTANCE**

For the U.S. and Canada, when a problem arises concerning the operation of your engine or concerning the service of your engine, the problem will normally be managed by the Caterpillar dealer in your area. "Your" satisfaction is a primary concern of Caterpillar and Caterpillar dealers. If "you" have a problem that has not been handled to "your" complete satisfaction, follow these steps:

1. Discuss your problem with a manager from the dealership.
2. If your problem cannot be resolved at the Caterpillar dealer without additional assistance, use this phone number to talk with a Field Service Coordinator: 1-800-447-4986.

The normal hours are from 8:00 AM to 4:30 PM Monday through Friday Central Time. Please keep in mind the ultimate goal is to solve your problem at the dealership. Therefore, please follow the steps in sequence when a problem is experienced.

For outside the U.S., if a problem arises concerning the operation of your engine or the service of your engine please contact your nearest Caterpillar Dealer or Service Representative.

### XIII. PRIVACY NOTICE

"We" do not disclose any nonpublic personal information about "you" or former customers to anyone, except as permitted by law.

"We" may collect nonpublic personal information necessary for service contract coverage to "you" from the following sources:

- Information that "we" receive from you on registrations, applications or other forms, such as "your" name, address, assets and income.
- Information about "your" transactions with "us", "our subsidiaries", "our affiliates" (received only with "your" express consent); and
- Information from a customer reporting agency.

"We" restrict access to nonpublic personal information about "you" to those employees who need to know that information to provide extended coverage services to "you". "We" maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard "your" nonpublic personal information.

"Our" Privacy Statement is available upon request by contacting "your" local dealer or Extended Coverage program manager.

### XIV. COVERED COMPONENTS

#### ENGINE COMPONENT COVERAGE:

**Engine Component Extended Coverage Matrix Explained:** Components covered by Silver and Gold levels of Extended Service Coverage are listed in the table immediately below. For Silver and Gold levels of coverage, if a component is not specifically listed in the Silver and Gold component matrix, it is not covered. Platinum and Platinum Plus levels of coverage are defined in the paragraphs immediately following the Silver and Gold coverage matrix.

#### Silver and Gold Level Coverage Components:

Coverage Items	Silver	Gold	Coverage Items	Silver	Gold
COOLING SYSTEM			AIR INDUCTION & EXHAUST		
Thermostat Housing	YES	YES	Exhaust Manifolds, Studs & Gaskets	YES	YES
Water Manifold Housing	YES	YES	Inlet Air Heater Relay	YES	YES
Jacket Water Precooler	YES	YES	Intake Manifold	YES	YES
Jacket Water Pump		YES	Turbocharger (mounting hardware, lines, wastegate)		YES
FUEL SYSTEM			SHORT BLOCK		
Steel Fuel Lines	YES	YES	Cylinder Block Casting	YES	YES
Fuel Shutoff Solenoid	YES	YES	Freeze Plugs	YES	YES
Fuel Injectors		YES	Crankshaft	YES	YES
LUBRICATION SYSTEM			Crankshaft Rod, Main & Thrust Bearings	YES	YES
Oil Pan	YES	YES	Connecting Rod Assembly	YES	YES
Engine Oil Pump	YES	YES	Piston, Wrist Pin, Retainer Clip & Piston Rings	YES	YES
Oil Cooler Housing & Core / Bonnet	YES	YES	Piston Cooling Jet Tubes	YES	YES
Oil Filter Base	YES	YES	Cylinder Liner, Seals & Filler Band	YES	YES
ELECTRIC SYSTEM			Main Bearing Cap Bolts	YES	YES
Control Module (ECM)	YES	YES	CYLINDER HEAD		
Sensors: All Engine Sensors	YES	YES	Cylinder Head Casting, Sleeves, Bolts & Gaskets	YES	YES
FRONT AND REAR COVERS			Freeze Plug	YES	YES
Front Covers / Plate / Housing / Gears (& Gaskets)	YES	YES	Spacer Plate & Spacer Plate Gasket	YES	YES
Vibration Damper	YES	YES	Intake & Exhaust Valve (all related components)	YES	YES
Flywheel Housing & Gasket	YES	YES	Roller Follower	YES	YES
MISCELLANEOUS			Valve Mechanism, Rocker Arm, Brackets, Push Tube	YES	YES
Cat Bolts, Attaching Covered Components	YES	YES	Bridge Dowels, Adjusting Screws, Nuts & Shaft	YES	YES
GENERATOR END			Valve Cover & Base	YES	YES
Entire Generator End	YES	YES	Camshaft, Camshaft Bearings, Key, Gear	YES	YES
Generator Controls (EMCP, Wiring)	YES	YES	Camshaft Rear Cover / Seal	YES	YES

Note: components not specifically listed in the coverage matrix are not covered under Silver or Gold level coverage options.



**Platinum Level Coverage Components:** All 'as shipped' consist from the factory with Caterpillar part numbers excluding filters, fluids, vee belts, hoses, power take-offs, paint, batteries, and clutches.

**Platinum Plus Level Coverage Components:** All components covered by the Platinum Level Coverage described above, plus all additional Caterpillar components, having a Caterpillar part number, installed by the Caterpillar dealership and accepted by "us" through the Platinum Plus Additional Coverage Component list and Approval Verification form, LEYH0001-00.

It is the responsibility of the registering dealership to attach the necessary approval and list to the SIMS history for the engine being registered. The process for attaching in the SIMS history is described in the Global Dealer Administration Manual. The attachment shall include:

- a copy of the approval by the authorized Cat Extended Service Coverage representative, this approval may be either e-mail or letter, and
- the approved list of Caterpillar components, complete with the Caterpillar part numbers.

Platinum Plus Coverage also includes increased allowances for travel and mileage, disconnect and reconnect and overtime labor in certain circumstances. These are fully explained in section XV. Additional Coverage.

Additional Caterpillar components installed by the Original Equipment Manufacturer, any Caterpillar dealer, any authorized second level dealer or the customer after the in service date of the engine are excluded.

## **XV. ADDITIONAL COVERAGE**

### **Travel & Mileage Limitations:**

- For industrial engines up to and including 7.5 liters displacement and registered in Silver, Gold or Platinum Level Coverage:
  - Up to 6 hours and 240 miles / 385 kilometers travel allowance.
- For industrial engines over 7.5 liters displacement and registered in Silver, Gold or Platinum Level Coverage:
  - Up to 8 hours and 320 miles / 515 kilometers travel allowance.
- For industrial engines, regardless of displacement and registered in Platinum Plus:
  - Up to 10 hours and 500 miles / 802 kilometers travel allowance.

### **Additional Disconnect and Connect Allowance:**

For industrial engines registered in Platinum Plus Level coverage, up to \$1,500 additional allowance for labor to remove and reinstall covered components from the equipment, mounting and support systems. This additional labor allowance may be applied to OEM components which are required to be removed and reinstalled to complete the covered repair. This additional allowance is per visit, not per repair, in the event multiple covered repairs are being performed at the same time. This allowance supersedes section V. Your Responsibilities regarding removal and reinstallation but is limited to the \$1,500 limit stated above.

### **Overtime Allowance:**

For engines registered in Platinum Plus Level coverage, up to \$3000 of overtime labor may be claimed for the incremental cost of performing the repair outside of normal business hours. Incremental labor cost hours must be in consecutive shifts to standard labor hours. This allowance modifies section IV, Our Responsibilities, regarding repairs being done during normal business hours. This allowance is payable when it is not reasonably practical for the covered repair to be completed during normal business hours.

### **Emergency Freight:**

Up to \$500 in Cat emergency freight shipping charges if the failed part(s) require emergency shipping to expedite the repair or replacement of a covered component.

## XVI. ADVANTAGE ELIGIBILITY REQUIREMENTS

**Industrial Advantage Extended Coverage Eligibility Age and Usage Requirements are:**

**1) Age of unit:** Add together the current age of the engine, (as determined by looking up the in service date in the Cat warranty system), and the number of years from the published Advantage price table for this application. The resulting total cannot exceed 10 years from delivery date.

**2) Amount of use:** The total number of hours from delivery date (Advantage coverage hours + current hours) cannot exceed the total hours for the following models:

- 6,000 hours for C0.5 through C7 and 3034, 3054, 3304, 3056, 3116 and 3126
- 8,000 hours for C9, 3208 and 3306
- 12,000 hours for C11, C12, C13, C15, C16, C18, C27, C32, 3176, 3196, 3406, 3456, 3408 and 3412
- 25,000 hours for 3508, 3512, 3516, 3520, C175-16, C175-20 and all 3600 series engines

**3) Advantage Certification Inspection Form:** Complete the Advantage Certification Inspection Form LEEH8646 (inspection required on all industrial engines).

**IMPORTANT NOTICE FOR U.S. CONTRACTS ONLY:** All "Covered Components" must pass inspection or be replaced at the proper intervals as prescribed by the manufacturer's Operation and Maintenance Manual by an "Authorized Dealer" to qualify for continued coverage under this Contract. **"Your" failure to follow the manufacturer's Operation and Maintenance Manual will result in denial of claims.**

## XVII. PROVIDER

**In the United States:** The Provider of this Contract is Caterpillar Inc.

**In Canada:** The provider of this Contract is the Caterpillar dealer. In Alberta: The Provider of this Contract is Caterpillar of Canada Corporation.

**In All Countries excluding the United States:** The Provider for this Contract is the Caterpillar dealer for the "cost" to repair, replace or service the "covered equipment"

## XVIA. NOTICE FOR U.S. CONTRACTS ONLY

Obligations of the Provider under this Contract are backed only by the full faith and credit of the Provider (issuer) and are not guaranteed under a service contract reimbursement insurance policy.

## **XVI. ADVANTAGE ELIGIBILITY REQUIREMENTS**

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## **WARRANTY AGAINST WIRE OR CABLE WRAP DAMAGE**

During the first five (5) years or 10,000 hours of operation by the first owner, this warranty guarantees repair or entire replacement of any of the following list of components damaged by wire, cable or other foreign debris trapped between the wheels and the frame of the compactor:

- Wheel inner drum
- Wheel side wall (inner cone)
- Welds attaching cones to drums
- Planetary torque hub
- Planetary shaft seals
- Axle structure

## **EXCLUSIONS**

This warranty is subject to the exclusions set forth in the applicable Warranty Policy offered on new Al-jon Advantage Series Landfill Compactors. No guarantee is expressed or implied with regard to the accumulation of wire, cable or other foreign debris in the axle area. Regular daily inspection of the axle area and removal of any accumulated debris is solely the responsibility of the compactor owner. Information regarding regular maintenance is included in Al-jon service manuals.

**THIS WARRANTY IS EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE COMPANY'S LIABILITY, WHETHER IN CONTRACT OR IN TORT, ARISING OUT OF WARRANTIES OR REPRESENTATIONS, INSTRUCTIONS, OR DEFECTS FROM ANY CAUSE, SHALL BE LIMITED EXCLUSIVELY TO REPAIR OR REPLACEMENT OF PARTS AND LABOR UNDER THE CONDITIONS AFORESAID. AL-JON MANUFACTURING LLC IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO DOWNTIME.**



## **PARTS AND SERVICE SUPPORT**

- **Compactor repair service will be provided by Nortrax South, Broussard. CAT engine repair work required during the warranty period will be provided by Louisiana Power Systems Commercial Engine Service, Belle Chasse. Regular machine inspections and equipment condition reports will be completed by Al-jon's Regional Service Manager.**
- **Contact Al-jon's in-house service technicians toll free Monday through Friday from 7:30 a.m. to 5:30 p.m. CST if additional assistance is required. Your Regional Service Manager is available after hours by cell phone.**
- **During the week of delivery, an Al-jon service technician will be on site a minimum of two days to provide training for landfill compactor operators and maintenance personnel. Copies of the "Compactor On-Site Training" and "Service Training" checklists to be completed are enclosed. Al-jon service manuals provide operating, safety and maintenance information and a complete parts listing for each machine. Three hard copies and three CD copies of each manual are included in the cost of the machine and will be reviewed with landfill personnel during set-up week.**
- **Introductory and advanced Service Support Training Sessions are conducted periodically at our Regional Service Centers for personnel who will be operating and/or maintaining the compactor. A sample agenda is attached. Contact Ellie Guest in our service department at (800) 255-6620 to request our current class schedule list.**

## **PARTS AVAILABILITY**

- **Parts orders received Monday through Friday, 7:30 a.m. to 1:30 p.m. Central Time will be shipped the same day from Al-jon's closest Regional Service Center, from our Iowa factory inventory or directly from the component manufacturer for fastest delivery.**
- **Engine maintenance supplies and repair parts will be available through your local Caterpillar dealer.**
- **Parts weighing less than 150 pounds required for warranty repair are shipped via air freight at no charge and freight free for delivery within two business days excluding Saturdays, Sundays and holidays.**

# Al-jon Landfill Compactor On-Site Training

Each employee is required to participate in this training and to complete this form prior to being assigned to operate the new compactor.

Employee Name: \_\_\_\_\_ Work Location \_\_\_\_\_  
(please print)

Training areas: To be presented by Al-jon factory representative or designate. Compactor operating manuals will be provided for each participant.

## OPERATOR TRAINING

1. Safety: All safe operating practices as prescribed in the Al-jon Operators Manual.
2. Pre-trip Inspections: Daily pre-operation checks as prescribed in Al-jon Operators Manual.
3. Component: All major operating components of the Compactor.
4. Operating Procedures: Starting, Stopping, Emergency stop, Controls in Cab.

PRACTICAL EVALUATION (to be completed by Al-jon factory representative)

S=Satisfactory U= Unsatisfactory

	Satisfactory	Unsatisfactory
Pre-trip		
Inspection		
Mounting		
Starting		
Forward Travel		
Forward/Reverse Transition		
Reverse Travel		
Steering		
Travel Speed		
Blade Control		
Stopping Parking		
Dismounting		

Signature of Trainer \_\_\_\_\_ DATE: \_\_\_\_\_

Signature of Trainee \_\_\_\_\_ DATE: \_\_\_\_\_

# **AL-JON ADVANTAGE SERIES LANDFILL COMPACTOR TRAINING**

Each employee is required to participate in this training and to complete this form prior to being assigned to operate the Al-jon Advantage 500, 525 or 600 compactor.

Employee Name \_\_\_\_\_ Work Location \_\_\_\_\_

Training areas: To be presented by Al-jon factory representative or designate.  
Participants to be issued operating manuals for the compactor.

## **MAINTENANCE TRAINING**

- ☐ Review all Service Safety Precautions
- ☐ Review Lubrication Chart
- ☐ Review Scheduled Service
- ☐ Review Scheduled Oil Sampling Procedures
- ☐ Review EMS
- ☐ Review MC 400 and MC 200 Electronic Control Systems
- ☐ Review General Troubleshooting Procedures
- ☐ Review 250-Hour Engine Valve Adjustment
- ☐ Review Center joint and Rear Axle grease and lubrication
- ☐ Received and read Landfill Compactor Manual
- ☐ Received training from authorized Al-jon Sales Representative

Signature of Trainer \_\_\_\_\_

Date \_\_\_\_\_

## **OPERATOR/MAINTENANCE TRAINING VERIFICATION**

Signature of Trainee \_\_\_\_\_

Position or Title \_\_\_\_\_



## **AL-JON IN-HOUSE SERVICE TRAINING PROGRAM Ottumwa, Iowa**

**Al-jon Inc. pays all hotel and meal expenses. Students are responsible for travel expenses to and from Ottumwa, Iowa. Training sessions are conducted on a quarterly basis. Contact Ellie Guest @ (800) 255-6620 for information about our next scheduled session.**

### **SAMPLE AGENDA**

- Day 1: Travel to Ottumwa, Iowa**
- Day 2: Orientation**  
**Introduction of Company Officers**  
**Distribution of Service/Parts/Operation Manuals**  
**Explanation of Service Department Policies and Procedures**  
**Distribution of Service Questionnaire \***  
**Safety/Plant Tour**  
**Engine Starting Procedures**  
**Machine Start-up**
- Day 3: Hydrostatic Transmission (Hands-on)**  
**Q&A**  
**Trouble-shooting on site**  
**Steering and Blade Circuit**  
**MC400 & MC200 Electronic Control Systems**  
**Climate Controls**  
**Towing**
- Day 4: MC400 Controller**  
**Pilot Pressure**  
**Center Joint**  
**\* Discuss completed questionnaires**  
**Open for Q&A**
- Day 5: Return Home**

**ADVANCED CLASSES ARE NOW BEING OFFERED FOR MECHANICS WHO ARE ALREADY FAMILIAR WITH THE BASIC OPERATING SYSTEMS OF THE MACHINE. PLEASE CONTACT US FOR DETAILS.**





## **AL-JON ADVANTAGE 500 LANDFILL COMPACTOR REFERENCE LIST**

Steele County Environmental Services  
P.O. Box 890  
Owatonna, MN 55060  
Don Hagen (507) 583-7766  
2008 ADV500

Asotin County Landfill  
2901 6<sup>th</sup> Avenue  
Clarkston, WA 99403  
Steve Becker (509) 758-1965  
1999 IMPACT 81K, 2008 ADV500

Box Elder County Solid Waste  
01 South Main  
Brigham City, UT 84302  
Gina Allen (434) 744-2275  
2002 Impact 81K, 2009 ADV500

City of Brookings Solid Waste  
4101 30<sup>th</sup> Street  
Brookings, SD 57006  
Bob McGrath (605) 693-3667  
2000 Impact 81K, 2005 ADV500  
2010 ADV500 on order

Plymouth County Solid Waste Agency  
14898 – 150<sup>th</sup> Street  
Le Mars, IA 51031  
Mark Kunkel (712) 546-6071  
2008 ADV500

Habersham County Landfill  
4900 Dicks Hill Parkway  
Mt. Airy, GA 30563  
David Barr (706) 778-0926  
2006 ADV500

Columbus Consolidated Government  
7143 Sacerdote Lane  
Columbus, GA 31907  
Chris Brown (706) 563-6750  
2000 Impact 81K, 2005 ADV500

Town of Camillus Landfill  
4600 West Genesee Street  
Syracuse, NY 13219  
Ron Troop (315) 488-4846  
2005 ADV500

City of Walla Walla/Sudbury Rd. Landfill  
Sudbury Road  
Walla Walla, WA 99362  
Dennis Rakestraw (509) 527-3746  
2001 IMPACT 81K, 2007 ADV500

City of Lubbock  
P.O. Box 2000  
Lubbock, TX 79457  
John Cobb (806) 775-2177  
2000 Impact 81K, 2009 ADV500

Spartanburg County  
595 Little Mountain Road  
Wellford, SC 29385  
Mike Casey (864) 949-0211  
2002 IMPACT 81K, 2008 ADV500

City of Bristol Landfill  
2125 Shakesville Road  
Bristol, VA 24201  
Jeff Blevins (276) 281-6070  
2007 ADV500

Northern Tier Solid Waste Authority  
US Route 6  
Troy, PA 16947  
Dave Terrill (520) 297-3158  
1999 IMPACT 81K, 2002 IMPACT 81K,  
2005 ADV500, 2010 ADV500 on order

Fulton County Solid Waste  
518 Mud Road  
Johnstown, NY 12095  
Jeff Bouchard (518) 736-5501  
2007 ADV500

Jefferson County Landfill  
650 Grove Road  
Dandridge, TN 37725  
Bobby Hubbard (865) 397-3544  
2009 ADV500

Lake County Solid Waste Disposal  
13130 County Landfill Road  
Tavares, FL 32778  
Gary Debo (352) 343-3776  
2008 ADV500