



**Sales and  
Service**

2025 YR. FULL SERVICE VISIT - REPORT  
**PLANNED MAINTENANCE CHECKLIST**  
**FULL SERVICE**

6/30/25

CUSTOMER DETAILS	
<b>CUSTOMER:</b> WHEATON PROPERTY PARTNERS - 40218	<b>DATE:</b> 06/28/25
<b>ADDRESS:</b> 120 E LIBERTY STREET WHEATON IL 60187	<b>SERVICE ORDER #:</b> 78891
	<b>FA JOB ID:</b> J1858124
<b>SITE NAME:</b> WHEATON PROPERTY PARTNER	<b>TECHNICIAN:</b> Arthur/Jim
<b>CONTACT NAME:</b> NATHAN SANDS	<b>CONTACT EMAIL:</b> nsands@wavelandprop.com
<b>ASSET NAME:</b> 120 E. LIBERTY	<b>CONTACT TEL:</b> 630 207-8100
PRODUCT DETAILS	
<b>PRODUCT MANUFACTURER:</b> ONAN : STANDBY SYSTEM	<b>MANUFACTURER:</b> Cummins
<b>PRODUCT MODEL:</b> 750.0DQFAA-7229298-A	<b>MODEL:</b> QST30-G5
<b>PRODUCT SERIAL:</b> H080202837	<b>SERIAL:</b> 37236913
<b>PROD HOURS / MILES / KM:</b> 1273	<b>HOURS / MILES / KM:</b> 1273

PASS	N/A	NEEDS ATTN.	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>A. PRE-OPERATIONAL CHECKS</b>

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>B. BATTERIES AND BATTERY CHARGER</b>
Battery install date: 26-AUG-23 Float Volts: 26.8 Current: 1.9				
Record highest and lowest specific gravity measured:				
High: Sealed Low: Sealed				
Battery load test: Test CCA: 140p Ambient temp: 78				
Battery 1: Float Volts: 12.78 Hold Volts: 1600 Pass/Fail: Pass				
Battery 2: Float Volts: 12.75 Hold Volts: 1475 Pass/Fail: Pass				
Battery 3: Float Volts: Hold Volts: Pass/Fail:				
Battery 4: Float Volts: Hold Volts: Pass/Fail:				

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>C. COOLING SYSTEM</b>
Last coolant fill date: 06/21/25 Last coolant maint date (Belts, hoses, coolant): 06/21/25				
Jacket water temp: 130 °F Cooling system pressure: 1 PSI				
Coolant Properties:				
Freeze point: -60 DCA Concentration: 8 PH level: 2.2				
Sulfates: Ok Chlorides: Ok Appearance: Ok				
LTA Coolant:				
Freeze point: n.a Appearance: n.a PH level: n.a				

<b>PASS</b>	<b>N/A</b>	<b>NEEDS ATTN.</b>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>D. GENSET CONTROLS AND ACCESSORIES</b>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>E. MAIN ALTERNATOR</b>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>F. FUEL SYSTEM</b>	
			Main tank fuel level:	3/4
			Day tank fuel level:	n.a
			Second Main tank fuel level:	n.a
			Fuel pressure:	Ok
			Running:	Ok
			Loaded:	Ok
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>G. INTAKE AND EXHAUST SYSTEMS</b>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>H. ENGINE AND LUBRICATION SYSTEM</b>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>I. GENERATOR OPERATIONS</b>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>J. LUBRICATION OIL AND FILTRATION SERVICE</b>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>K. TRANSFER SWITCH / SWITCHGEAR</b>	
			Measure and record utility / source one voltage:	Multiple voltages
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>L. SYSTEM OPERATIONAL TEST</b>	
			Genset test without load, load test not permitted by: <span style="border: 1px solid black; display: inline-block; width: 150px; height: 20px;"></span>	
			Record engine and load data:	
			Oil pressure:	62
			Battery Voltage:	27.2
			Coolant press:	33
			Genset Voltage:	480
			Current:	
			A:	0
			Load kW:	0
			B:	0
			Load kVA:	0
			C:	0
			Load kVAR:	0
			Duration system test:	Minutes
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>M. SITE PRE-DEPARTURE VERIFICATION</b>	
<b>Comments:</b> Drive to site. Filled out jsa. Loto unit. Changed oil, fuel, coolant filters plus oil. Take oil sample. Checked all clamps and connections. Tested and clean batteries, checked connections in gen controls and gen end. During load bank found small coolant seep in radiator. Cannot get to front of radiator to better inspect. Will need inspection camera to find leak. Tested run unit. Returned to auto. Test ran from Ats.				
Cummins OneBMS US Charlotte NC 28241		<b>TECHNICIAN NAME:</b>		<b>TECHNICIAN SIGNATURE:</b>
		Arthur/Jim		Arthur G
		<b>CUSTOMER NAME:</b>		<b>CUSTOMER SIGNATURE:</b>
				<b>DATE:</b>
				06/28/25

  

<b>INTERNAL USE ONLY</b>		<b>EPA ID, if different from Cummins:</b>
<b>Transporter/Destination Branch:</b> Hodgkins, IL -- CSSNA 7145 Santa Fe Drive, Hodgkins, IL 60525 -- EPA ID# ILD984774679		
<b>Quantity of Used Oil Being Shipped in Gallons:</b> 40  <b>Quantity of Used Oil Filters:</b> 5	<b>Transporter Signature:</b>  <b>Generator Signature:</b>	<b>Florida- Type Code:</b> <input type="checkbox"/> (A)-Automotive <input type="checkbox"/> (I)-Industrial



## **PLANNED MAINTENANCE CHECKLIST**

### **FULL SERVICE**

Below is the scope of work performed during the above planned maintenance checklist. Any additional repairs, parts, or service which are required will be brought to the attention of the owner. Repairs will only be made after proper authorization from the owner is given to Cummins Sales and Service. Any additional repairs, maintenance or service performed by Cummins Sales and Service for a Planned Maintenance Agreement holder will be at Cummins Sales and Service labor rates.

**A. PRE-OPERATIONAL CHECKS**

1. All equipment automated, no alarms or faults on controls
2. Check fluid levels and observe for leaks. Oil, Fuel and Coolant
3. Verify battery chargers, component heaters and accessories are operational
4. Safety Audit, Lock Out/ Tag Out Procedures Followed, Safe Service Operations

**B. BATTERIES AND BATTERY CHARGER**

1. Check battery charger functions and record voltage and current
2. Cable connections, termination cleanliness and security
3. Check electrolyte level, vent caps and specific gravity of all cells in the starting battery system
- 3.a Record highest and lowest specific gravity measured.
4. Perform Battery load test on all starting batteries and record CCA, ambient temperature, float volts, hold volts, and if the battery passed or failed testing.

**C. ENGINE COOLING SYSTEM**

1. Inspect all hoses and clamps for leaks and condition
2. Inspect radiator cap and filler neck condition
3. Inspect drive belts, observe alignment and deflection
4. Confirm proper coolant heater operation and record jacket water temperature
5. Verify Coolant properties and record the freeze point, DCA concentration, PH level, Sulfates, Chlorides, and appearance.
6. Inspect radiator surfaces, shrouds and barriers for obstruction, build up and mechanical damages
7. Verify LTA coolant properties and record the freeze point, PH level, and appearance (if applicable)
8. Optional coolant sampling

**D. GENSET CONTROLS AND ACCESSORIES**

1. Check all engine mounted wiring, senders and devices
2. Check all control mounted components and wiring
3. Check all connecting plugs
4. Check all accessory components and wiring
5. Function test lights and indicators

**E. MAIN ALTERNATOR**

1. Remove covers and inspect terminals, wiring and component
2. Visually inspect main rotor and stator
3. Visually inspect exciter components and PMG (where equipped)
4. Manually operate generator main breaker(s) open and closed

**F. FUEL SYSTEM**

1. Check main and secondary (if applicable) tank fuel and record levels
2. Check day tank fuel and record level (if applicable)
3. Check day tank controls and pumps. Test operate day tank controls where available (if applicable)
4. Check all fuel hose, clamps, pipes, components and fittings
5. Check fuel pressure and record readings running and loaded
6. Check governor linkage (if applicable)

7. Water in Fuel Test - Sub-base, day tanks or as noted on agreement

8. Rupture/ Containment Basin Inspection (if applicable)

**G. INTAKE AND EXHAUST SYSTEMS**

1. Check air cleaner element
2. Check intake system
3. Check exhaust system and rain cap
4. Check louver operations (if applicable)

**H. ENGINE AND LUBRICATION SYSTEM**

1. Check lubrication system
2. Check crankcase ventilation system
3. Check spark ignited ignition system (if applicable)

**I. GENERATOR OPERATIONS**

1. Start and observe generator and equipment operations
2. Verify engine and generator safeties as applicable

**J. LUBRICATION OIL AND FILTRATION SERVICE**

1. Change lube oil
2. Change lube oil filters, apply date and run hours to filter canister
3. Change fuel filters, apply date and run hours to filter canister
4. Drain sediment from coolant heater where equipped
5. Change coolant filters as equipped, apply date, freeze point and dca concentration to canister
6. Pressure test cooling system and record PSI readings
7. Check fan, water pump, drives and pulleys
8. Grease serviceable bearings
9. Post Lube service operation of Genset unloaded
10. Oil sample for laboratory analysis when recommended"
11. Change crankcase ventilation filter (if applicable)

**K. TRANSFER SWITCH/ SWITCHGEAR**

1. Inspect all power and control wiring
2. Inspect switch mechanism and enclosure
3. Inspect controls and time delay settings
4. Check exercise clock
5. Verify remote start control operation
6. Measure and record utility/ source one voltage

**L. SYSTEM OPERATIONAL TESTS**

1. Genset test with or without load, if not allowed document decision maker
2. During test without load record engine oil pressure, oil temperature, coolant temperature, battery voltage, engine speed, exhaust temperature, coolant pressure, blowby flow, LTA temperature. Also record generator voltage on all phases, frequency, current on all phases, load PF, load KW Load KVA and Load KVAR.
3. Record duration of system test in minutes

**M. SITE PRE-DEPARTURE VERIFICATION**

1. All applied energy source lock out devices removed
2. All controls and components in AUTO/REMOTE
3. All GENSET breakers ON/CLOSED (except power operated paralleling breakers)
4. Battery Charger operational/ breaker ON
5. Component heaters enabled/ breaker ON
6. Site Cleanup

# USED OIL TRANSPORT INFORMATION

- \* IN CASE OF EMERGENCY ON A PUBLIC ROADWAY, CALL 9-1-1
- \* IN THE EVENT OF A SPILL, CALL HERITAGE CRYSTAL CLEAN (877-938-7948) OR CLEAN HARBORS (800-645-8265)
- \* FEDERAL REGULATION REQUIRES EACH REGISTERED PERSON TO MAINTAIN RECORDS ON EITHER THIS OR A SUBSTANTIALLY EQUIVALENT FORM WHICH CONTAINS THE SAME INFORMATION. THIS INFORMATION MUST BE KEPT ON-SITE FOR THREE (3) YEARS AND BE AVAILABLE DURING NORMAL BUSINESS HOURS.
- \* HALOGEN CONTENT DETERMINED BASED ON CUMMINS' ENGINE SERVICE AND PROCESS KNOWLEDGE, AND CONFIRMATION TESTING BY HERITAGE CRYSTAL CLEAN (or other transporter noted)
- \* FLORIDA - END USE CODE: (N)-SHIPMENT TRANSFERRED TO ANOTHER FACILITY FOR STORAGE OR PROCESSING (NOT END USE)

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PRODUCT DETAILS	SECONDARY PRODUCT DETAILS:
<b>PRODUCT MANUFACTURER:</b> ONAN : STANDBY SYSTEM	<b>MANUFACTURER:</b> Cummins
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<b>PRODUCT SERIAL:</b> H080202837	<b>SERIAL:</b> 37236913
<b>PROD HOURS / MILES / KM:</b> 1278	<b>HOURS / MILES / KM:</b> 1278

<b>KW:</b> 750	<b>FUEL LEVEL START:</b> 7/8
<b>PHASE:</b> 3	<b>FUEL LEVEL END:</b> 3/4
<b>HERTZ:</b> 60	<b>HOURS BEFORE:</b> 1278
<b>VOLTAGE:</b> 480	<b>HOURS AFTER:</b> 1275
<b>TEST PURPOSE:</b> 2hr load bank	



MIN	TEST TIME	HOURLMETER	KW LOAD	% LOAD	VOLTAGE PHASE 1	VOLTAGE PHASE 2	VOLTAGE PHASE 3	AMPERAGE PHASE 1	AMPERAGE PHASE 2	AMPERAGE PHASE 3	GEN FREQ	AMBIENT TEMP	OIL PRESS	OIL TEMP	WATER TEMP	EXHAUST TEMP	FUEL PRESSURE
START	9:40	1273	720	96	483	483	483	847	848	853	60	80	60	197	174	n.a	62
	9:55	1273	720	96	483	483	483	847	848	853	60	82	59	201	177	n.a	62
	10:10	1274	720	96	483	483	483	847	848	853	60	82	58	202	178	n.a	62
	10:25	1274	720	96	483	483	483	847	848	853	60	82	58	203	179	n.a	62
	10:40	1274	720	96	483	483	483	847	848	853	60	82	58	203	179	n.a	62
	10:55	1274	720	96	483	483	483	847	848	853	60	82	58	203	180	n.a	62
	11:10	1275	720	96	483	483	483	847	848	853	60	82	58	203	180	n.a	62
	11:25	1275	720	96	483	483	483	847	848	853	60	84	58	203	180	n.a	62
	11:40	1275	720	96	483	483	483	847	848	853	60	84	57	204	181	n.a	62
	Cool down	1275	0	0	483	483	483	0	0	0	60	84	62	185	167	n.a	65
END																	

#### COMMENTS:

Run 3 runs per phase plus a ground use bare end tails  
Need 4 cable ramps

During load bank test found coolant pooling outside. After inverting found build up in lower right bank corner. Cleaned. And test ran without load. No leak during no load run

Cummins OneBMS US Charlotte NC 28241	TECHNICIAN NAME: Arthur/Jim	TECHNICIAN SIGNATURE: Arthur G	DATE: 06/28/25
	CUSTOMER NAME:	CUSTOMER SIGNATURE:	DATE: