

Inspection Report (Generator)

General Info

Year	2006
Make	CAT Generator
Model	XQ300
Serial Number	X3R00217 - Enclosure SN# - E33 BXFGS
Hour Meter Reading	6,787
Previous Application (e.g., earth moving, mining, demolition, etc)	General Construction

Dimensions

Dimensions	Please enter in or verify (if pre-populated) the following dimensions.
Length (ft and inches)	21'
Width (ft and inches)	8'5"
Height (ft and inches)	9'5"
Operating Weight (lbs)	16,550 LBS.(full of fuel)

Features and Configuration

Features	Enter in and/or verify the following information regarding the features of this equipment.
Towable	Yes
Current Inspection / State Cert / DOT	N/A
Trailer VIN	N/A
Trailer GWVR	N/A
Hitch Type	Pintle Ring
Standby Power Rating (kW/KVA)	300KW & 310 KVA
Prime Power Rating (kW/KVA)	275KW & 338 KVA
Phase Type	Three Phase
OMM (Operator & Maintenance Manual)	Yes
Telematics	No
Other Configuration Details / Features / Notes	No operator manual. Specification sheet provided found from Ohio Cat Dealer Website.

General Appearance


General Appearance

Front	3 - Normal Wear & Tear
Front Condition	No visible damage



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Front Photos	
	
Rear	3 - Normal Wear & Tear
Rear Condition	No visible damage
Rear Photos	

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Left	3 - Normal Wear & Tear
Left Condition	No visible damage
Left Photos	
	
Right	3 - Normal Wear & Tear
Right Condition	No visible damage

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Right Photos	
	
Upper	3 - Normal Wear & Tear
Upper Condition	No visible damage
Body Panels (Any Rust Damage?)	3 - Normal Wear & Tear
Body Panel Condition	No visible damage, good paint condition and panel fitment
Doors / Canopy Latches	3 - Normal Wear & Tear
Doors / Canopy Latches Condition	No visible damage
Glass Condition	0
Mirrors	0
Lighting System	3 - Normal Wear & Tear
Lighting System Condition	No visible damage, lighting system is operational, Other (see comments)
Comments	Unable to test light system on trailer. Light fixtures intact looked okay.

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Lighting System Photos





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Exterior 360 Walkaround

Exterior 360 Walkaround

Front	3 - Normal Wear & Tear
Front Condition	No visible damage
Front Photos	
	
Rear	3 - Normal Wear & Tear
Rear Condition	No visible damage
Left	3 - Normal Wear & Tear

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Left Condition	No visible damage
Left Photos	
	
	
Right	3 - Normal Wear & Tear
Right Condition	No visible damage

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Right Photos



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Engine Inspection Points

Engine	
Engine Type (Make, Model, Cylinders, Hp)	CAT C9 - 6CYL. - 480HP - 8.8L
Emissions Tier	Tier 3
Engine Serial Number	S9L00271
Engine Fuel Type	Diesel
Engine Photos	

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	 <p>CAT SER. NO. S9L00271 ENGINE MODEL C9 MODIFICATION NO. MAX 1000 M ALT 3281 FT AR NO. 259-1809 ECM SOFTWARE 268-6641 CORE AR PERF SPEC 0K-6795 OEM NO. FLS (INTERCEPT) -100 FTS (SLOPE) 85 ADV 480 HP 358.0 KW MAX HP USE SERVICE TOOL TO VERIFY CURRENT ENGINE SETTINGS 115-58</p>
	
	
Blow-by (Visual Observation Check)	No
Unusual Noises (Upon Start-up, Idle, Shutdown)	No
Unusual Noise Notes	No unusual noises heard
Engine Smoke (Upon Start-up, Idle, Shutdown)	Yes
Engine Smoke Notes	Engine smoke observed upon start up, Other (see comments)
Comments	Black engine smoke at startup, clears while running continuously


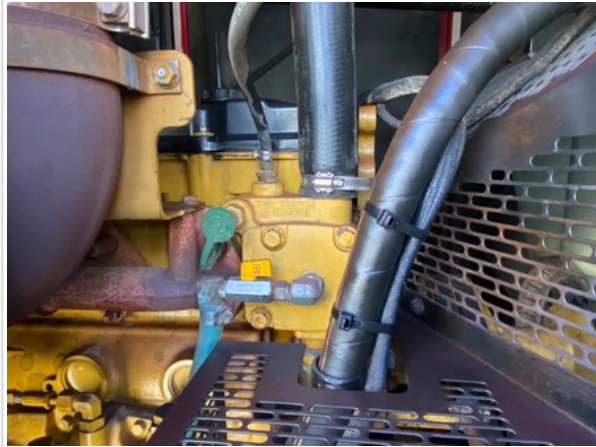

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Engine Exhaust Color	Clear, Black
Battery	3 - Normal Wear & Tear
Battery Condition	Clean & dry appearance, tight connections
Battery Condition Photos	
Radiator	3 - Normal Wear & Tear
Radiator Condition	Radiator fins & components appear to be in good working order, no signs of damage or leaks, Other (see comments)
Comments	Coolant level low, no active coolant leaks found

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Radiator Photos	
	
	
Belts	3 - Normal Wear & Tear
Belt Condition	Belts appear in good condition & alignment with proper tension

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Belt Photos	
Hoses	3 - Normal Wear & Tear
Hose Condition	Firm, pliant hoses with no signs of wear or leaks
Hose Photos	
	

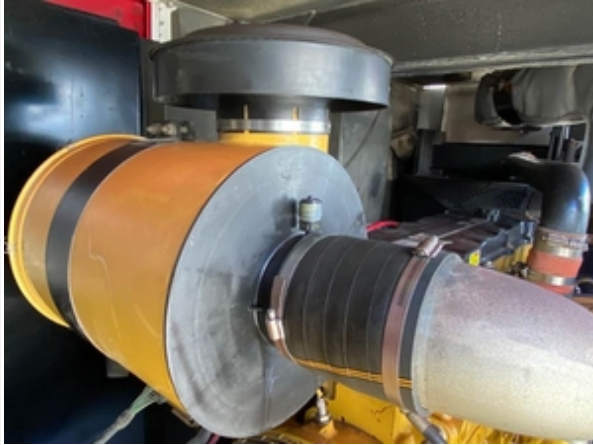


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Water Pump	3 - Normal Wear & Tear	
Water Pump Condition	No unusual pump noises heard	
Cooling System Leaks	No	
Coolant Color / Appearance	3 - Normal Wear & Tear	
Coolant Color/Appearance Notes	Normal Translucent appearance, no visual signs of contamination	
Oil Leaks	Yes	
Oil Leak Notes	Wetness & discoloration observed, Other (see comments)	



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Comments	Oil seepage around valve cover
Oil Leak Photos	
	
Oil Color / Appearance	3 - Normal Wear & Tear
Oil Color / Appearance Notes	Low oil level, Other (see comments)

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Comments	Engine service recommended
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	No
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Appearance	Clean & dry, Active leaks/pooling observed in & around engine compartment
Overall Engine Comments	Minor oil found around valve cover area. Possible valve cover gasket worn or residual oil leftover from topping off engine oil.




Electrical Connections

Wire Harness	3 - Normal Wear & Tear
Wire Harness Photos	
	

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Cables & Fittings	3 - Normal Wear & Tear	
Cables & Fittings Photos		
		




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Electrical Connections

3 - Normal Wear & Tear

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<p>Electrical Connections Photos</p>	
	
<p>Controls & Switches</p>	<p>3 - Normal Wear & Tear</p>
<p>Controls & Switches Photos</p>	




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Generator Panel

110V	Yes
110V Outlet Condition	3 - Normal Wear & Tear
240V	Yes
240V Outlet Condition	3 - Normal Wear & Tear
480V	Yes
480V Outlet Condition	3 - Normal Wear & Tear





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Receptacles	3 - Normal Wear & Tear
Receptacles Photos	
	
Panel Indicator Lights	3 - Normal Wear & Tear
Fuse Block	3 - Normal Wear & Tear
Fuse Block Photos	

Gauges & Meters

Hour Meter	3 - Normal Wear & Tear
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Hour Meter Photos	
RPM Display	3 - Normal Wear & Tear
RPM Display Photos	
Volt Display	3 - Normal Wear & Tear
Pressure Display	3 - Normal Wear & Tear
Pressure Display Photos	
Menu Display	3 - Normal Wear & Tear
Menu Display Photos	




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Display Screen Appearance	3 - Normal Wear & Tear	

Mounting Plate

Overall Mounting Plate Appearance	3 - Normal Wear & Tear	
Mounting Plate Photos		

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Bottom Surface	3 - Normal Wear & Tear	
Bottom Surface Photos		
		

Trailer & Fuel Tanks

Trailer Inspection Points

Frame & Body




Frame Condition	3 - Normal Wear & Tear
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Frame Photos



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Fenders	3 - Normal Wear & Tear
Fender Photos	
	
	
Mud Flaps	0
Trailer Lights/Wiring (Stop, Tail, Turn)	2 - Above Average Wear

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Trailer Lights Photos



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Reflectors	0

Hitch


Hitch Type	Pintle
Hitch Condition	3 - Normal Wear & Tear
Hitch Photos	
Drawbar	3 - Normal Wear & Tear
Strand Wear?	No
Drawbar Photos	

Suspension

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Springs	0
U-Bolts	0
Torque Arms	3
Torque Arms Photos	
	
Equalizer	0





Wheels & Tires

Wheels & Hub Condition	3 - Normal Wear & Tear
Comments	Tires rated at 50% due to sidewalls starting to crack
Wheels & Hub Photos	




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Loose Lugs	No	
Tire Brand	Milestar	
Tire Size	215/75R/17.5	
Front Left Tire - Ratio Remaining	50%	
Front Left Tire Photos		
Front Right Tire - Ratio Remaining	50%	



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Front Right Tire Photos	
Rear Right Tire - Ratio Remaining	50%
Rear Right Tire Photos	
Rear Left Tire - Ratio Remaining	50%
Rear Left Tire Photos	

Brake Components

Brake Type	Electric Brakes
Brake Controller	No
Wire Connections	2 - Above Average Wear
Comments	Electric brake wires to hubs been repaired (electrical tape)

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Wire Connections Photos	
	
Brake Shoe Thickness	50%
Comments	Unable to access brake shoes
Emergency Brake/Break-Away	3 - Normal Wear & Tear
Comments	Electric breakaway device intact but unable to test

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Emergency Brake/Break-Away
Photos



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Overall Trailer Condition

Overall Trailer	3 - Normal Wear & Tear
Overall Trailer Comments	Overall trailer in okay condition. Recommend getting all wheel bearings serviced and performing a 90 day inspection. Tires okay but starting to show signs of side wall cracks. Lights were not tested and GVWR unknown due to id plate being worn.
Overall Trailer & Undercarriage Photos	
Fuel Tank Condition	3 - Normal Wear & Tear
Fuel Lines & Hoses	3 - Normal Wear & Tear

Functional Test

Instructions	<p>Evaluate the following on a 4 point scale (leave comments where an explanation is appropriate):</p> <p>4 = Like New, Recently Replaced 3 = Normal Wear & Tear 2 = Above Average Wear 1 = Service Required</p>
Engine	3 - Normal Wear & Tear
Controls	3 - Normal Wear & Tear
Gauges & Meters	3 - Normal Wear & Tear
Power Output	3 - Normal Wear & Tear
Outlets	3 - Normal Wear & Tear
Trailer	3 - Normal Wear & Tear
Overall Functional Test Comments	Overall engine fires right up and monitor display showing electrical outputs functioning normal.
Operating Video	Click to Download

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Inspection Summary

Overall Assessment	
Exterior Rating	3
Interior Rating	3
Safety Rating	3
Quality Rating	3
Functionality Rating	3
Overall Rating	3
What's Great About the Machine	Generator unit as a whole in good condition. No active leaks found. Engine and generator sound healthy and monitor display shows machine functions normal.
What Needs Work	Engine service recommended, trailer needs work to ensure brakes and lights function properly. Possible seepage leak at valve cover. Tires may need to be replaced soon. Battery hold downs missing. Trailer needs 90 day inspection.
Date/Time	10-25-2022