



Customer: CSDG \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City/ State/ Zip \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Phone: \_\_\_\_\_

R#: 18240 \_\_\_\_\_  
 Test Date 2/6/2025 \_\_\_\_\_  
 Unit#4646 \_\_\_\_\_

Engine Make/ Model: CATERPILLAR 3516 \_\_\_\_\_  
 Engine Spec/ Serial: 2W8404 \_\_\_\_\_  
 Unit Make/ Model: CATERPILLAR \_\_\_\_\_  
 Unit Spec/ Serial: \_\_\_\_\_

Voltage: 480 \_\_\_\_\_  
 Amperage: 2107 \_\_\_\_\_  
 Kilowatts: 1750 \_\_\_\_\_  
 Power Factor 1 \_\_\_\_\_

	5 Min.	15 Min.	30 Min.	45 Min.	1 Hour
Eng Hours	225.3	225.5	225.7	226	226.2
Hertz/Cycles	60	60	60	60	60
Voltage PH1	480	480	480	480	480
PH2	480	480	480	480	480
PH3	480	480	480	480	480
Amperage PH1	2099	2099	2099	2099	2099
PH2	2096	2096	2096	2096	2096
PH3	2098	2098	2098	2098	2098
Kilowatts	1742	1742	1742	1742	1742
Oil Pressure	70	63	55	55	55
Oil Temperature					
Coolant Temperature	140°F	175°F	183°F	183°F	183°F
Man Vac./Press. L/B					
Man Vac./Press. R/B					
L/B Exhaust Temp					
R/B Exhaust Temp					
Exhaust Temperature					
DC Voltage	26.7	26.7	26.7	26.7	26.7
Natural Gas Pressure					
Diesel Fuel Level					
Room Temperature					
Ambient Temperature	28°F	28°F	28°F	28°F	28°F

Cable Length: \_\_\_\_\_ Cable/ Leg: \_\_\_\_\_

Connection Point: \_\_\_\_\_

Technician Signature \_\_\_\_\_

Customer Signature: \_\_\_\_\_



R# 18240

<b>Schedule Date</b> 2/6/25	<b>Engine Make</b> CATERPILLAR	<b>Engine Model Number</b> 3616	<b>Engine Serial Number</b> 25Z02720	<b>Engine Spec</b>
<b>Unit Hours</b> 625.2	<b>Unit Make</b> CATERPILLAR	<b>Unit Model Number</b>	<b>Unit Serial Number</b>	<b>Unit Spec</b>

**AIR INTAKE SYSTEM**

Pre-Cleaner Element	Clean/ Replace	
Air-Filter Element	Clean/ Replace	GOOD
Oil-Bath Air Cleaner	Check/ Change	

**COOLING SYSTEM**

J.W. Coolant Level	Check	GOOD
J.W. Coolant Protection (°F)	Check	-40
J.W. Pump	Lubricate	
J.W. Pump Idler Pulley	Lubricate	
J.W. Hoses	Inspect	
J.W. Belts	Inspect	GOOD
Aux. Coolant Level	Check	
Aux. Coolant Protection (°F)	Check	
Aux. Water Pump	Lubricate	
Aux. Hoses	Inspect	
Aux. Belts	Inspect	
Radiator Core	Inspect	GOOD
Radiator Bearing	Inspect	
Radiator Cap	Inspect	GOOD
Coolant Analysis	Sample	

**FUEL SYSTEM (DIESEL)**

Injectors	Inspect	GOOD
Injection Pump	Inspect	GOOD
Fuel Solenoid	Check	GOOD
Fuel Filter(s)	Clean/ Replace	GOOD
Fuel Lines	Inspect	GOOD
Fuel Feed Pump	Inspect	GOOD
Fuel Level (%)	Inspect	
Fuel Analysis	Sample	

**FUEL SYSTEM (DRY GAS)**

Hand Throttle Open	Check
Proper Carb Adjustment	Check
Proper Fuel Pressure	Check
Regulator Operation	Check
Electric Shut-Off Valve	Check

**IGNITION SYSTEM**

Spark Plugs	Regap/ Replace
Ignition-Module Harness	Tighten
Ignition Timing	Check
Ignition-Cable Connections	Inspect

**COMPRESSION RESULTS**

1L	2L	3L	4L	5L	6L	7L	8L
1R	2R	3R	4R	5R	6R	7R	8R

**ENGINE LUBRICATION SYSTEM**

Engine Oil	Change	GOOD
Oil Filter(s)	Replace	GOOD
Oil-Filter Seal	Replace	GOOD
Oil Strainer	Clean	
Oil Cooler	Drain	
Oil Hoses	Inspect	
Prelube Pump	Inspect	
Breather	Clean	GOOD
Oil Separator	Clean	
Make-Up Tank	Fill	
Oil Level	Check	
Oil Analysis	Sample	

**ADDITIONAL ITEMS**

Control Linkage	Lubricate	
Governor-Rod Ends	Lubricate	
Speed Control	Check/ Adjust	
Exhaust System/ Rain Cap	Inspect	GOOD
Block Heater	Inspect	
Belt Tension	Inspect	N/A
Battery Terminals	Clean	CLEANED
Battery Electrolyte	Check	
Cranking Voltage	Check	
Cranking Amperage	Check	
Charger Voltage	Check	24.5
Alternator Voltage	Check	27
Valve Clearance	Adjust	
Valve-Cover Gasket(s)	Replace	
Safety Controls	Test	
Turbocharger	Inspect	GOOD
Engine Mounting	Inspect	GOOD
Generator Mounting	Inspect	GOOD
Generator Bearing(s)	Lubricate	
(Follow Mfg Maintenance Guide)		

Misc.
Misc.
Misc.
Misc.
Misc.
Misc.
Misc.

TECHNICIAN JUAN CUSTOMER DATE 2/6/25