



unit # 4644

R#: 18241

Test Date 2/10/2025

Customer: CSDG

Address: _____

City/ State/ Zip

Contact:

Phone:

Engine Make/ Model: CUMMINS KTAA19-G4

Engine Spec/ Serial: 37188919

Unit Make/ Model: CUMMINS DFED-3379388

Unit Spec/ Serial: I990987269

Voltage: 480

Amperage: 602

Kilowatts: 500

Power Factor 1

	5 Min.	15 Min.	30 Min.	45 Min.	1 Hour
Eng Hours	197.6	197.8	198	198.3	198.5
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	612	612	612	612	612
PH2	614	617	617	617	617
PH3	611	611	611	611	611
Kilowatts	508	509	508	509	509
Oil Pressure	74	69	68	66	66
Oil Temperature	146°F	189°F	210°F	210°F	210°F
Coolant Temperature	178°F	178°F	178°F	178°F	178°F
Man Vac./Press. L/B					
Man Vac./Press. R/B					
L/B Exhaust Temp					
R/B Exhaust Temp					
Exhaust Temperature					
DC Voltage	27.7	27.7	27.7	27.7	27.7
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# 18241

Schedule Date 2/10/25	Engine Make CUMMINS	Engine Model Number KTA19-G4	Engine Serial Number 37188919	Engine Spec
Unit Hours 197.5	Unit Make CUMMINS	Unit Model Number DFED-3379388	Unit Serial Number 1990987269	Unit Spec

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	ADDED
J.W. Coolant Protection (°F)	Check	-36
J.W. Pump	Lubricate	
J.W. Pump Idler Pulley	Lubricate	
J.W. Hoses	Inspect	GOOD
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	NFR
Fuel Filter(s)	Clean/ Replace	GOOD
Fuel Lines	Inspect	GOOD
Fuel Feed Pump	Inspect	NFR
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	
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	GOOD
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	GOOD
Belt Tension	Inspect	GOOD
Battery Terminals	Clean	CLEANED
Battery Electrolyte	Check	GOOD
Cranking Voltage	Check	
Cranking Amperage	Check	
Charger Voltage	Check	25.5
Alternator Voltage	Check	27.5
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.