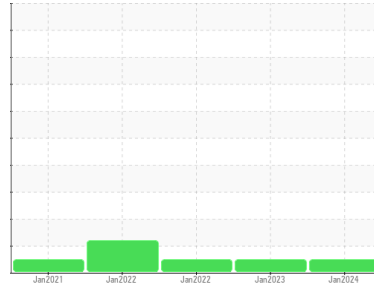




# FUEL REPORT

Sample Rating Trend

**NORMAL**



Area  
**GENERATOR**  
 Machine Id  
**ONAN V154 (S/N NO INFO ON BOTTLE)**  
 Component  
**Diesel Fuel**  
 Fluid  
**No.2 DIESEL FUEL (ULTRALOW SULPHUR) (375 GAL)**

## DIAGNOSIS

### Recommendation

This is a baseline read-out on the submitted sample. ( Customer Sample Comment: Yearly fuel sample )

### Corrosion

All metal levels are normal indicating no corrosion in the system.

### Contaminants

The water content is negligible. There is no indication of any contamination in the fuel.

### Fuel Condition

The condition of the fuel is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>HPL0002293</b>	HPL0000671	RP0012222
Sample Date	Client Info			<b>03 Jan 2024</b>	12 Jan 2023	21 Jan 2022
Machine Age	hrs	Client Info		<b>754</b>	725	725
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	3.0	<b>2.36</b>	2.42	2.1

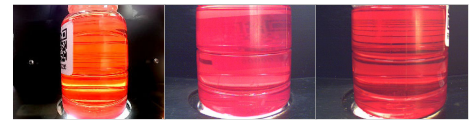
SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	<b>2</b>	0	0

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>0</b>	<1	0
Sodium	ppm	ASTM D5185m	<0.1	<b>1</b>	0	0
Potassium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Water	%	ASTM D6304	<0.05	<b>0.005</b>	0.003	0.003
ppm Water	ppm	ASTM D6304	<500	<b>50</b>	26.8	27.3

HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Lead	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0	<1
Vanadium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Iron	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Calcium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	0	0
Magnesium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Phosphorus	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	6	0
Zinc	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0

SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color

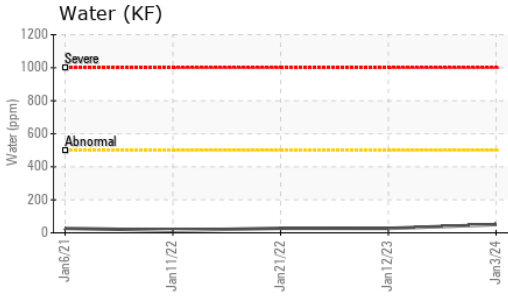


Bottom

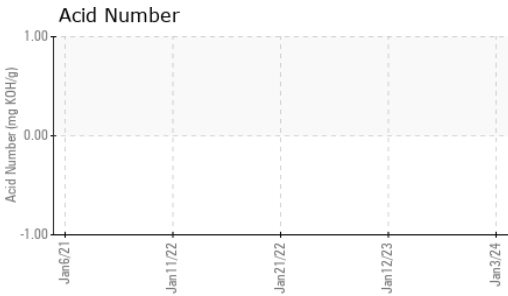
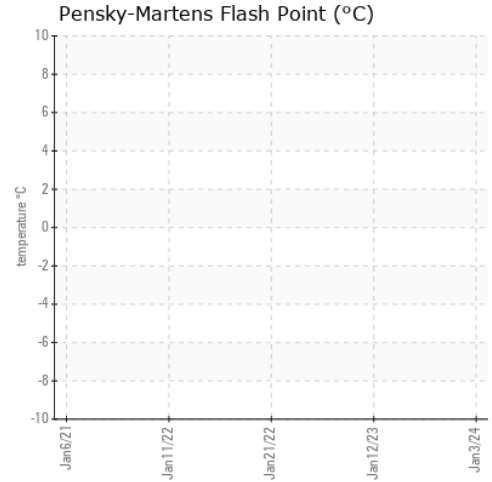
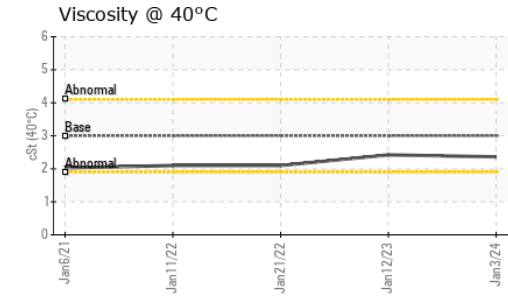




# FUEL REPORT



## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : HPL0002293 **Received** : 08 Jan 2024  
**Lab Number** : 06054475 **Diagnosed** : 10 Jan 2024  
**Unique Number** : 10820424 **Diagnostician** : Jonathan Hester  
**Test Package** : MOB 2 ( Additional Tests: KF )

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

**MUSCATINE POWER AND WATER**  
 3205 CEDAR STREET  
 MUSCATINE, IA  
 US 52761  
 Contact: JONATHAN KLEIN  
 jonathan.klein@mpw.org  
 T:  
 F: