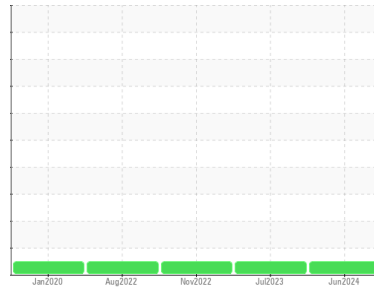




# FUEL REPORT

Sample Rating Trend



**NORMAL**



Area

**Garyville**

Machine Id

**[Garyville] Diesel - #1 Starboard**

Component

**Diesel Fuel**

Fluid

**No.2 DIESEL FUEL (ULTRALOW SULPHUR) (14444 GAL)**

## DIAGNOSIS

### Recommendation

No corrective action is recommended at this time.

### 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>WC0874921</b>	WC0683224	WC0719167
Sample Date	Client Info			<b>03 Jun 2024</b>	04 Jul 2023	22 Nov 2022
Machine Age	hrs	Client Info		<b>0</b>	0	0
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	3.0	<b>2.34</b>	2.45	2.37

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	<b>0</b>	0	17

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>&lt;1</b>	0	0
Sodium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Potassium	ppm	ASTM D5185m	<0.1	<b>1</b>	<1	<1
Water	%	ASTM D6304	<0.05	<b>0.003</b>	0.003	0.002
ppm Water	ppm	ASTM D6304	<500	<b>39</b>	33.3	24.7

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

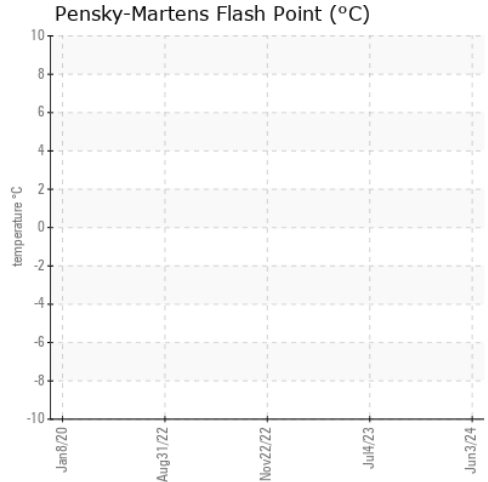
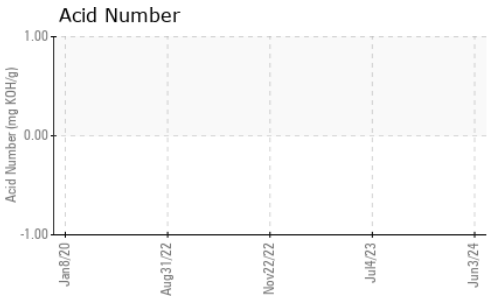
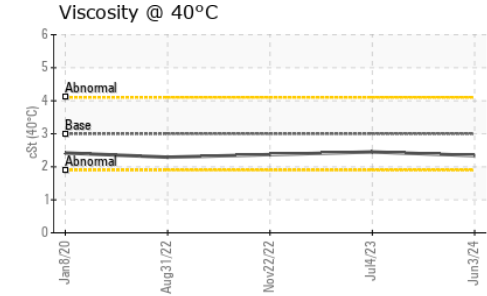
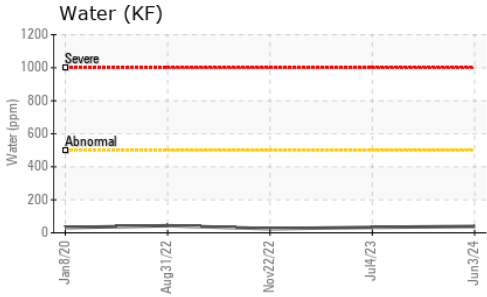
SAMPLE IMAGES		method	limit/base	current	history1	history2
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# FUEL REPORT

## GRAPHS



Certificate L2367

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)

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0874921      **Received** : 14 Jun 2024  
**Lab Number** : 06210638      **Tested** : 21 Jun 2024  
**Unique Number** : 11083502      **Diagnosed** : 21 Jun 2024 - Doug Bogart  
**Test Package** : IND 2 ( Additional Tests: KF )

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 stmccclaskey@marathonpetroleum.com  
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 F: x: