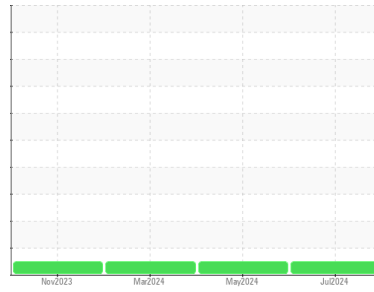




# FUEL REPORT

### Sample Rating Trend



**NORMAL**



Area  
**West Virginia**  
 Machine Id  
**[West Virginia] Diesel - #2 Starboard**  
 Component  
**Diesel Fuel**  
 Fluid  
**MARATHON DIESEL 2 (--- 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>WC0859984</b>	WC0874854	WC0874778
Sample Date	Client Info			<b>07 Jul 2024</b>	13 May 2024	18 Mar 2024
Machine Age	hrs	Client Info		<b>0</b>	0	0
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

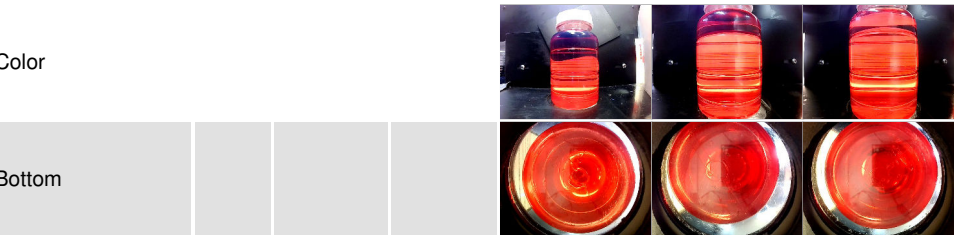
PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		<b>2.46</b>	2.45	2.5

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		<b>0</b>	4	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>	<1	2
Potassium	ppm	ASTM D5185m	<0.1	<b>1</b>	0	<1
Water	%	ASTM D6304	<0.05	<b>0.003</b>	0.002	0.002
ppm Water	ppm	ASTM D6304	<500	<b>28</b>	22	25

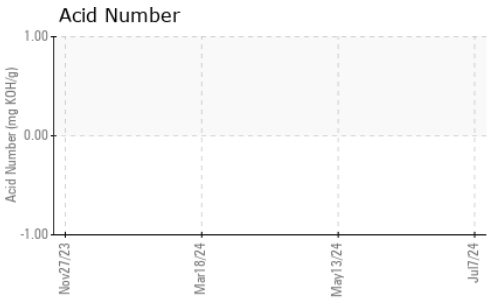
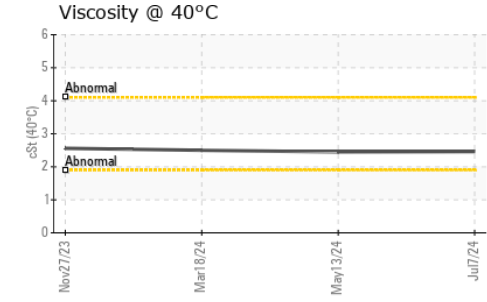
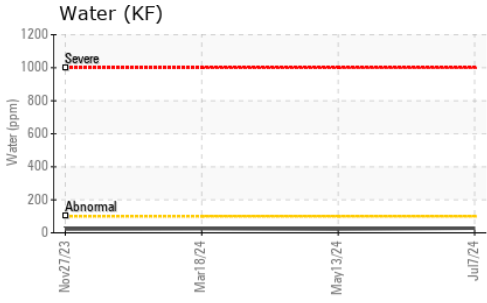
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Lead	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m	<0.1	<b>0</b>	<1	<1
Iron	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0
Calcium	ppm	ASTM D5185m	<0.1	<b>0</b>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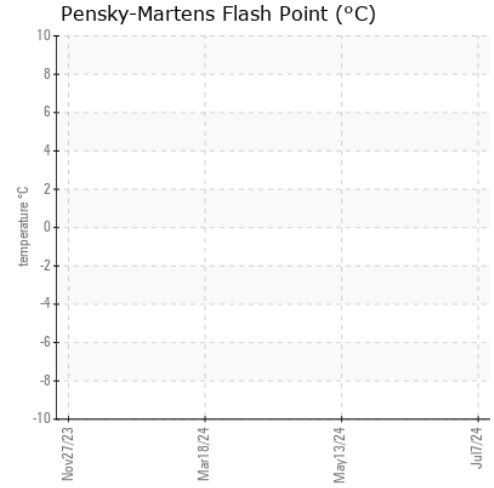




# FUEL REPORT



## 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.** : WC0859984  
**Lab Number** : 06236708  
**Unique Number** : 11125542  
**Test Package** : IND 2 ( Additional Tests: KF )

**Received** : 15 Jul 2024  
**Tested** : 17 Jul 2024  
**Diagnosed** : 17 Jul 2024 - Jonathan Hester

**MARATHON PETROLEUM CO.**  
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 F: x: