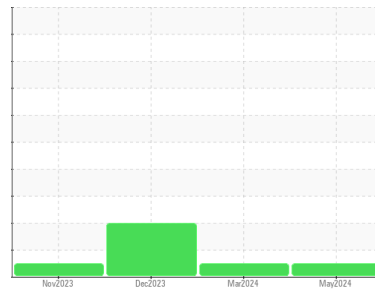




# FUEL REPORT

## Sample Rating Trend



**NORMAL**



Area

**West Virginia**

Machine Id

**[West Virginia] Diesel - #1 Starboard**

Component

**Diesel Fuel**

Fluid

**MARATHON DIESEL 2 (--- GAL)**

### DIAGNOSIS

#### Recommendation

This is a baseline read-out on the submitted sample. 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>WC0874545</b>	WC0874783	WC0600224
Sample Date	Client Info			<b>12 May 2024</b>	18 Mar 2024	12 Dec 2023
Machine Age	hrs	Client Info		<b>0</b>	0	40029
Sample Status				<b>NORMAL</b>	NORMAL	ATTENTION

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		<b>2.44</b>	2.42	2.64

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

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>&lt;1</b>	2	0
Potassium	ppm	ASTM D5185m	<0.1	<b>0</b>	<1	0
Water	%	ASTM D6304	<0.05	<b>0.002</b>	0.002	0.002
ppm Water	ppm	ASTM D6304	<500	<b>24</b>	22	24

HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	0	2
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>&lt;1</b>	<1	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>0</b>	0	0
Zinc	ppm	ASTM D5185m	<0.1	<b>0</b>	0	0

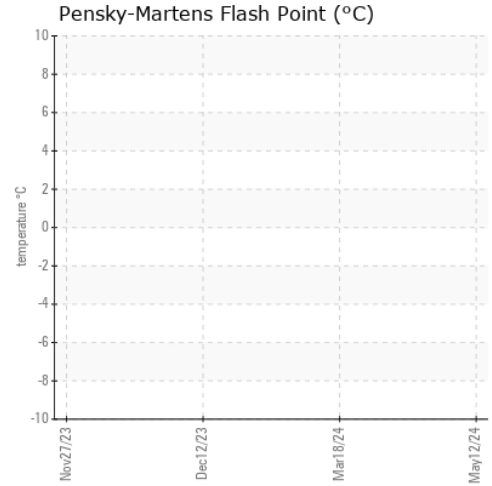
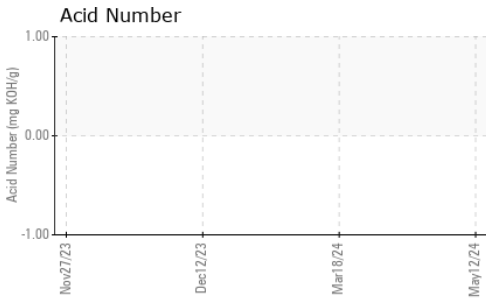
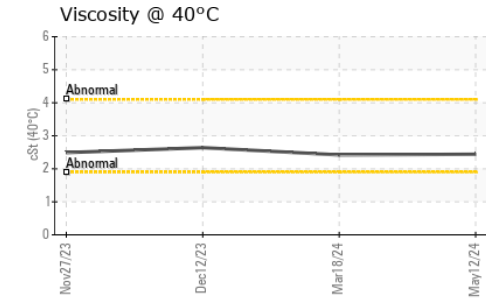
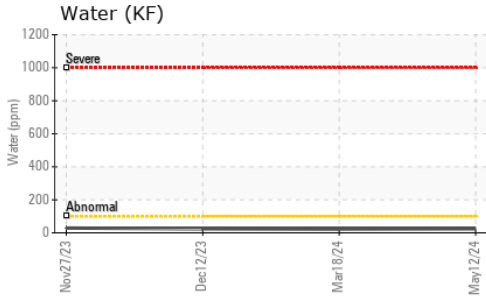
SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color						
Bottom						



# 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.** : WC0874545  
**Lab Number** : 06184854  
**Unique Number** : 11036180  
**Test Package** : IND 2 ( Additional Tests: KF )

**Received** : 20 May 2024  
**Tested** : 22 May 2024  
**Diagnosed** : 22 May 2024 - Jonathan Hester

**MARATHON PETROLEUM CO.**  
 101 12TH ST  
 CATLETTSBURG, KY  
 US 41169

Contact: CORY GUMBERT  
 cagumbert@marathonpetroleum.com

T: (606)585-3950

F: x: