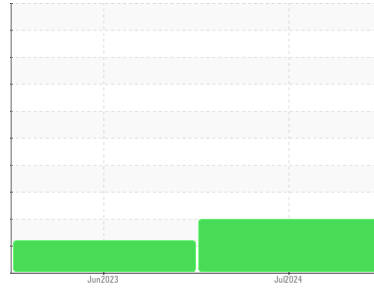




# FUEL REPORT

## Sample Rating Trend



**WATER**



Area

**Nashville**

Machine Id

**[Nashville] Diesel - #3 Port**

Component

**Diesel Fuel**

Fluid

**No.2 DIESEL FUEL (ULTRALOW SULPHUR) (21617 GAL)**

### DIAGNOSIS

#### ▲ Recommendation

We advise that you follow the water drain-off procedure for this component. We recommend you service the filters on this component.

#### Corrosion

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

#### ▲ Contaminants

Free water present. Moderate concentration of visible dirt/debris present 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>WC0805262</b>	WC0683331	---
Sample Date	Client Info			<b>14 Jul 2024</b>	13 Jun 2023	---
Machine Age	hrs	Client Info		<b>0</b>	0	---
Sample Status				<b>ABNORMAL</b>	ABNORMAL	---

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	3.0	<b>2.53</b>	2.63	---

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

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<b>0</b>	0	---
Sodium	ppm	ASTM D5185m	<0.1	<b>2</b>	0	---
Potassium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	---
Water	%	ASTM D6304	<0.05	<b>0.004</b>	0.003	---
ppm Water	ppm	ASTM D6304	<500	<b>43</b>	25.6	---

HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	0	---
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>	0	---
Lead	ppm	ASTM D5185m	<0.1	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m	<0.1	<b>0</b>	0	---
Iron	ppm	ASTM D5185m	<0.1	<b>0</b>	0	---
Calcium	ppm	ASTM D5185m	<0.1	<b>0</b>	<1	---
Magnesium	ppm	ASTM D5185m	<0.1	<b>0</b>	<1	---
Phosphorus	ppm	ASTM D5185m	<0.1	<b>0</b>	2	---
Zinc	ppm	ASTM D5185m	<0.1	<b>0</b>	1	---

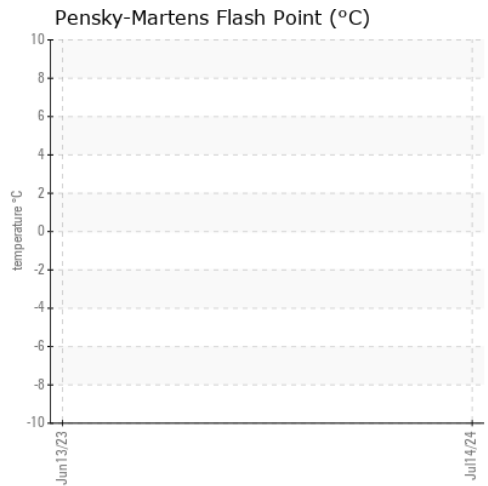
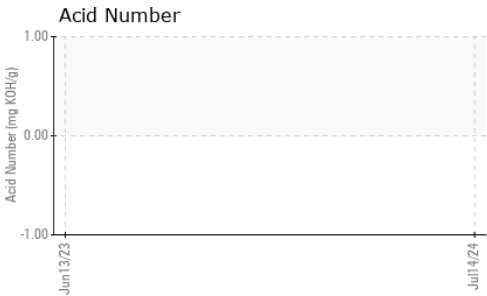
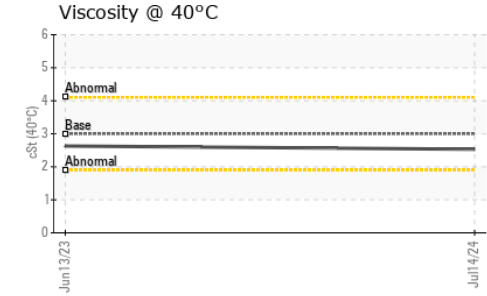
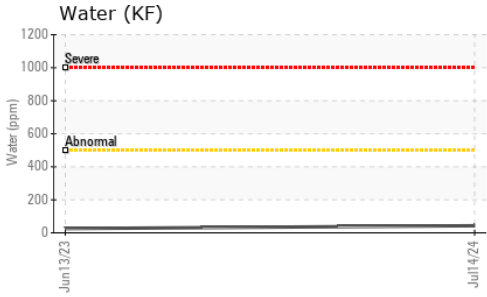
SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color						no image
Bottom						no image



# 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.** : WC0805262  
**Lab Number** : 06236691  
**Unique Number** : 11125525  
**Test Package** : IND 2 ( Additional Tests: Bacteria, KF )

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

**MARATHON PETROLEUM CO.**  
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 US 41169

Contact: CORY GUMBERT  
 cagumbert@marathonpetroleum.com

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F: x: