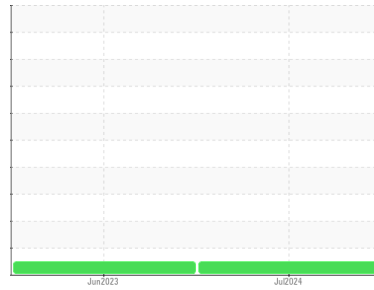




FUEL REPORT

Sample Rating Trend



NORMAL



Area

Nashville

Machine Id

[Nashville] Diesel - #2 Starboard

Component

Diesel Fuel

Fluid

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (13119 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			WC0805263	WC0683330	---
Sample Date	Client Info			06 Jul 2024	13 Jun 2023	---
Machine Age	hrs	Client Info		0	0	---
Sample Status				NORMAL	NORMAL	---

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	3.0	2.56	2.53	---

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

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1	0	---
Sodium	ppm	ASTM D5185m	<0.1	2	0	---
Potassium	ppm	ASTM D5185m	<0.1	<1	0	---
Water	%	ASTM D6304	<0.05	0.003	0.002	---
ppm Water	ppm	ASTM D6304	<500	33	23.5	---

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

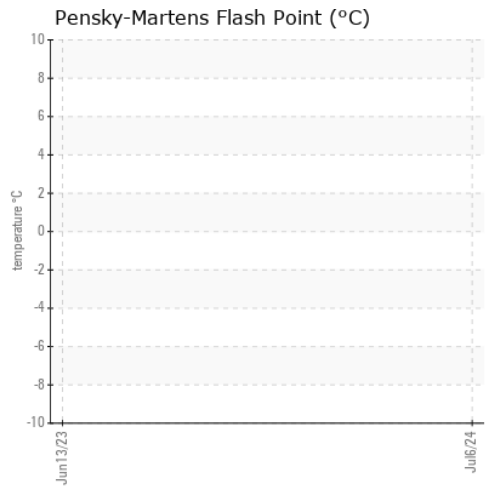
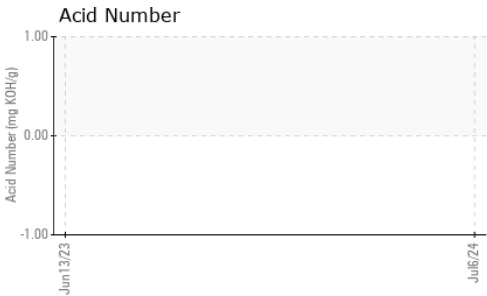
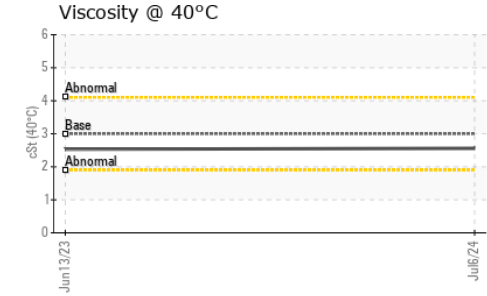
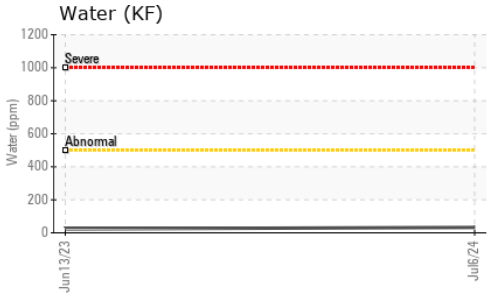
SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color						no image
Bottom						no image



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. : WC0805263
Lab Number : 06236703
Unique Number : 11125537
Test Package : IND 2 (Additional Tests: KF)

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

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Contact: CORY GUMBERT
 cagumbert@marathonpetroleum.com

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