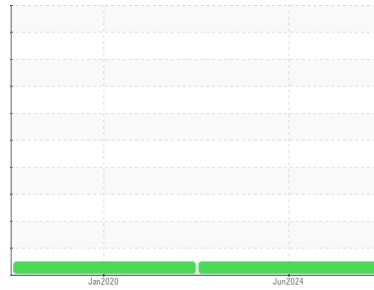




FUEL REPORT

Sample Rating Trend



NORMAL



Area

Garyville

Machine Id

[Garyville] Diesel - #2 Starboard

Component

Diesel Fuel

Fluid

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (4050 GAL)

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample.

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			WC0874923	RP04893303	---
Sample Date	Client Info			03 Jun 2024	08 Jan 2020	---
Machine Age	hrs	Client Info		0	0	---
Sample Status				NORMAL	NORMAL	---


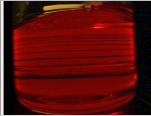

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	3.0	2.24	2.62	---

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	415	3	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0	<1	---
Sodium	ppm	ASTM D5185m	<0.1	<1	<1	---
Potassium	ppm	ASTM D5185m	<0.1	<1	0	---
Water	%	ASTM D6304	<0.05	0.004	0.003	---
ppm Water	ppm	ASTM D6304	<500	43	37.3	---

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	<1	---
Vanadium	ppm	ASTM D5185m	<0.1	0	0	---
Iron	ppm	ASTM D5185m	<0.1	0	0	---
Calcium	ppm	ASTM D5185m	<0.1	0	0	---
Magnesium	ppm	ASTM D5185m	<0.1	0	0	---
Phosphorus	ppm	ASTM D5185m	<0.1	0	0	---
Zinc	ppm	ASTM D5185m	<0.1	0	0	---

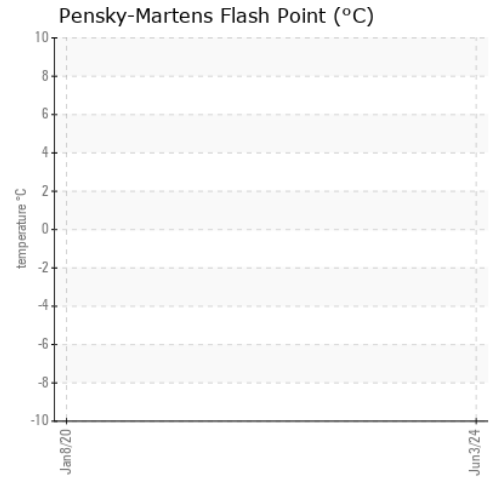
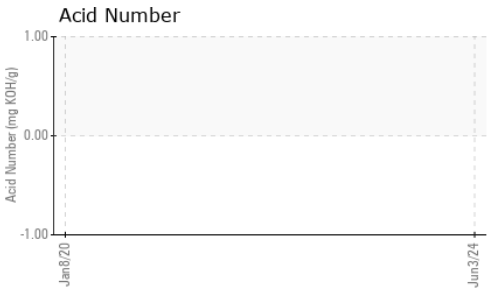
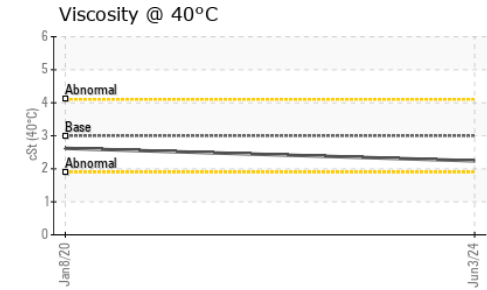
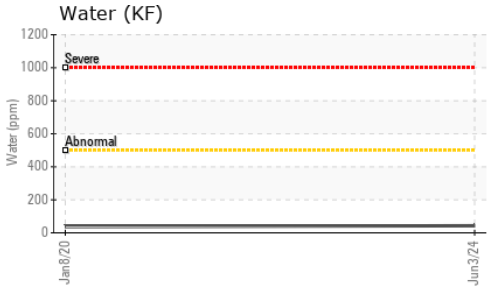
SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color						no image
Bottom						no image



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. : WC0874923
Lab Number : 06210636
Unique Number : 11083500
Test Package : IND 2 (Additional Tests: KF)

Received : 14 Jun 2024
Tested : 20 Jun 2024
Diagnosed : 20 Jun 2024 - Jonathan Hester

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

Contact: SHAWN MCCLASKEY
 stmccclaskey@marathonpetroleum.com

T: (606)739-2416

F: x: