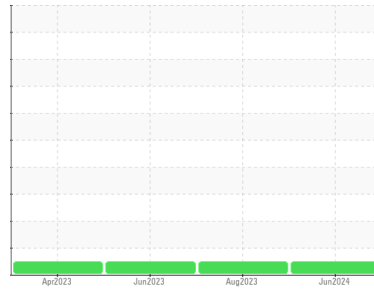




FUEL REPORT

Sample Rating Trend



NORMAL



Machine Id
MELBOURNE S2
 Component
Diesel Fuel
 Fluid
{not provided} (--- GAL)

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample. Sulfur 38 ppm.

Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WCDF4628	WC05933042	WC05869032
Sample Date	Client Info			11 Jun 2024	18 Aug 2023	05 Jun 2023
Machine Age	mls	Client Info		0	0	0
Sample Status				NORMAL	NORMAL	NORMAL

PHYSICAL PROPERTIES

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		2.68	---	---

SULFUR CONTENT

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m		---	---	---
Sulfur (UVF)	ppm	ASTM D5453		38	26	88

CONTAMINANTS

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	---	---	---
Sodium	ppm	ASTM D5185m	<0.1	---	---	---
Potassium	ppm	ASTM D5185m	<0.1	---	---	---
% Gasoline	%	*In-House	<0.50	---	0.0	0.0
% Biodiesel	%	*In-House	<20.0	---	0.0	0.0

HEAVY METALS

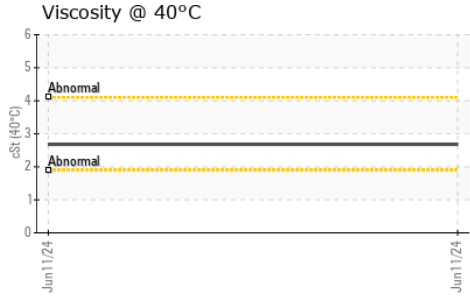
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	---	---	---
Nickel	ppm	ASTM D5185m	<0.1	---	---	---
Lead	ppm	ASTM D5185m	<0.1	---	---	---
Vanadium	ppm	ASTM D5185m	<0.1	---	---	---
Iron	ppm	ASTM D5185m	<0.1	---	---	---
Calcium	ppm	ASTM D5185m	<0.1	---	---	---
Magnesium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

SAMPLE IMAGES

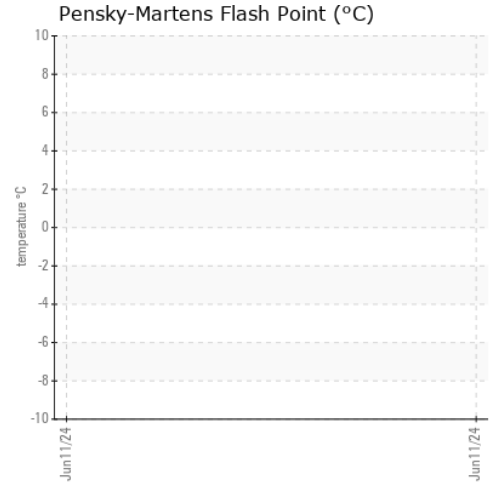
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						



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. : WCDF4628

Lab Number : 06210644

Unique Number : 11083508

Test Package : TEST (Additional Tests: Color-ASTM, GC-PercFuel, ICP, KF, KV40, PCO, Cuat, WBN)

Received : 14 Jun 2024

Tested : 21 Jun 2024

Diagnosed : 21 Jun 2024 - Doug Bogart

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