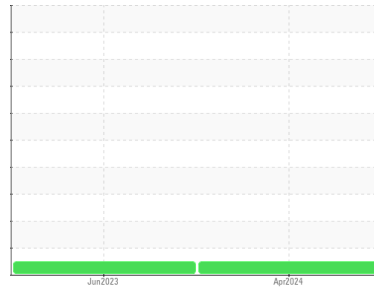




FUEL REPORT

Sample Rating Trend



NORMAL



Area
[PMOAS3188761]
 Machine Id
60R0Z81 469523
 Component
Diesel Fuel
 Fluid
No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)

DIAGNOSIS

Recommendation

All laboratory tests indicate that this sample meets specifications for No.2 diesel fuel.

Corrosion

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

Contaminants

The water content is negligible. There is no bacteria or fungus (yeast and/or mold) indicated in the sample. There is no indication of any contamination in the fuel.

Fuel Condition

Sulfur value derived by ASTM D5453 method for ULSD validation.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			DC0035909	DC0029129	---
Sample Date	Client Info			19 Apr 2024	01 Jun 2023	---
Machine Age	hrs	Client Info		1353	1296	---
Sample Status				NORMAL	NORMAL	---

PHYSICAL PROPERTIES

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
ASTM Color	scalar	*ASTM D1500		L5.5	L4.5	---
Visc @ 40°C	cSt	ASTM D445	3.0	2.4	2.44	---

SULFUR CONTENT

SULFUR CONTENT		method	limit/base	current	history1	history2
Sulfur	ppm	ASTM D5185m	10	757	1086	---
Sulfur (UVF)	ppm	ASTM D5453		691	925	---

IGNITION QUALITY

IGNITION QUALITY		method	limit/base	current	history1	history2
API Gravity		ASTM D7777	37.7	35.4	34.9	---

CONTAMINANTS

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	0	0	---
Sodium	ppm	ASTM D5185m	<0.1	0	0	---
Potassium	ppm	ASTM D5185m	<0.1	0	<1	---
Water	%	ASTM D6304	<0.05	0.003	0.004	---
ppm Water	ppm	ASTM D6304	<500	39	48.1	---
% Gasoline	%	*In-House	<0.50	0.0	0.0	---
% Biodiesel	%	*In-House	<20.0	0.0	0.0	---

HEAVY METALS

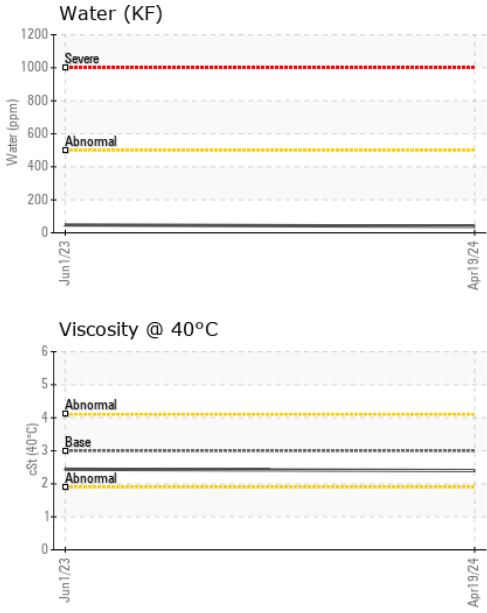
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0	0	---
Nickel	ppm	ASTM D5185m	<0.1	0	0	---
Lead	ppm	ASTM D5185m	<0.1	0	<1	---
Vanadium	ppm	ASTM D5185m	<0.1	0	0	---
Iron	ppm	ASTM D5185m	<0.1	0	0	---
Calcium	ppm	ASTM D5185m	<0.1	<1	0	---
Magnesium	ppm	ASTM D5185m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

SAMPLE IMAGES

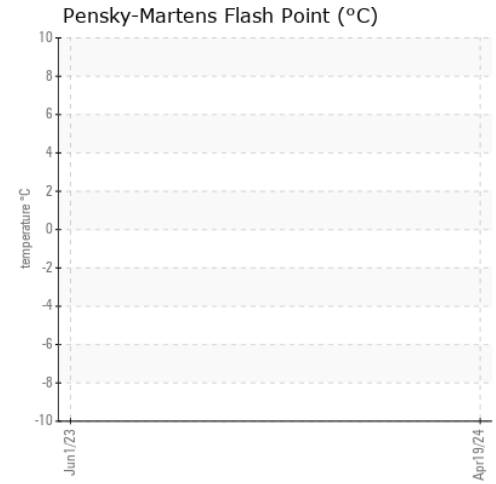
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						no image
Bottom						no image



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. : DC0035909
Lab Number : 06160894
Unique Number : 10996317
Test Package : DF-5 (Additional Tests: API, Cetane, Fuel, PftCount, Screen)

Received : 25 Apr 2024
Tested : 06 May 2024
Diagnosed : 06 May 2024 - Doug Bogart

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