



FUEL REPORT

Sample Rating Trend

VISUAL METAL

Area
[20232613]
 Machine Id
Kohler 8200 Greensboro Dr 150kw
 Component
Diesel Fuel
 Fluid
NOT GIVEN (--- GAL)



DIAGNOSIS

- Recommendation**
This is a baseline read-out on the submitted sample. The filter change at the time of sampling has been noted. (Customer Sample Comment: Greensboro Dr 150kw fuel Sample)
- Corrosion**
Moderate concentration of visible metal present. All metal levels are normal indicating no corrosion in the system.
- Contaminants**
There is a moderate amount of visible silt present in the sample. The water content is negligible.
- 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			DC0029793	---	---
Sample Date	Client Info			30 May 2023	---	---
Machine Age	mths	Client Info		0	---	---
Sample Status				ABNORMAL	---	---

PHYSICAL PROPERTIES

PHYSICAL PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		2.48	---	---

SULFUR CONTENT

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



CONTAMINANTS

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1	---	---
Sodium	ppm	ASTM D5185m	<0.1	2	---	---
Potassium	ppm	ASTM D5185m	<0.1	0	---	---
Water	%	ASTM D6304	<0.05	0.006	---	---
ppm Water	ppm	ASTM D6304	<500	67.4	---	---

HEAVY METALS

HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	<1	---	---
Nickel	ppm	ASTM D5185m	<0.1	<1	---	---
Lead	ppm	ASTM D5185m	<0.1	<1	---	---
Vanadium	ppm	ASTM D5185m	<0.1	<1	---	---
Iron	ppm	ASTM D5185m	<0.1	0	---	---
Calcium	ppm	ASTM D5185m	<0.1	▲ 2	---	---
Magnesium	ppm	ASTM D5185m	<0.1	6	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	0	---	---
Zinc	ppm	ASTM D5185m	<0.1	5	---	---

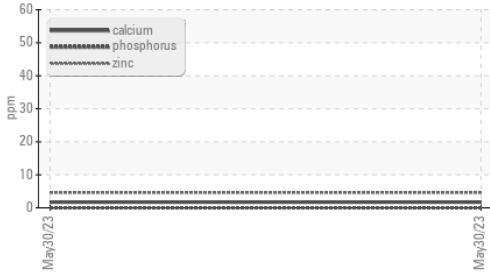
SAMPLE IMAGES

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

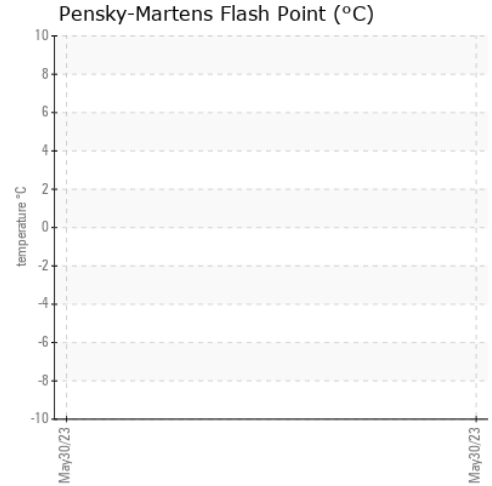


FUEL REPORT

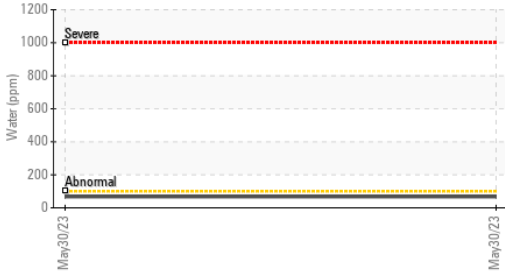
▲ Additives



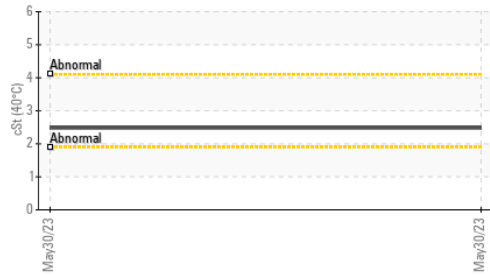
GRAPHS



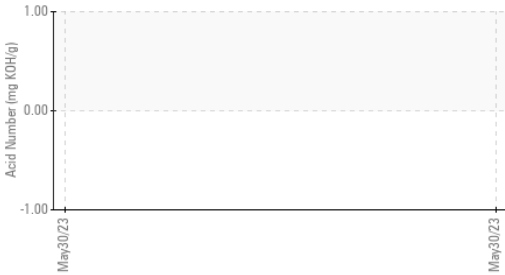
Water (KF)



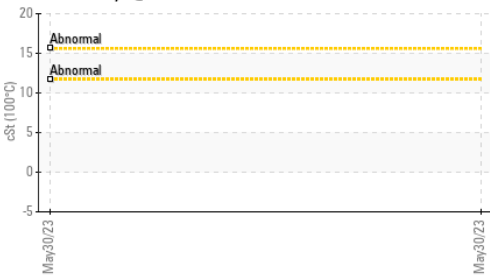
Viscosity @ 40°C



Acid Number



Viscosity @ 100°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : DC0029793 **Received** : 20 Jun 2023
Lab Number : **05879160** **Diagnosed** : 27 Jun 2023
Unique Number : 10524263 **Diagnostician** : Jonathan Hester
Test Package : MOB 1 (Additional Tests: FT-IR, KF, KV100)

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)

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