



FUEL REPORT

Sample Rating Trend

VISUAL METAL

Area
[20232614]
 Machine Id
Onan 8180 Greensboro Dr 400kw
 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 drive 400kw fuel)

Corrosion

Moderate concentration of visible metal present. 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	DC0029790	---	---
Sample Date	Client Info	30 May 2023	---	---
Machine Age	yrs Client Info	0	---	---
Sample Status		ABNORMAL	---	---

PHYSICAL PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	2.37	---	---

SULFUR CONTENT

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



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	0.007	---	---
ppm Water	ppm ASTM D6304	<500	79.3	---	---

HEAVY METALS

method	limit/base	current	history1	history2	
Aluminum	ppm ASTM D5185m	<0.1	<1	---	---
Nickel	ppm ASTM D5185m	<0.1	0	---	---
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	0	---	---
Magnesium	ppm ASTM D5185m	<0.1	4	---	---
Phosphorus	ppm ASTM D5185m	<0.1	0	---	---
Zinc	ppm ASTM D5185m	<0.1	1	---	---

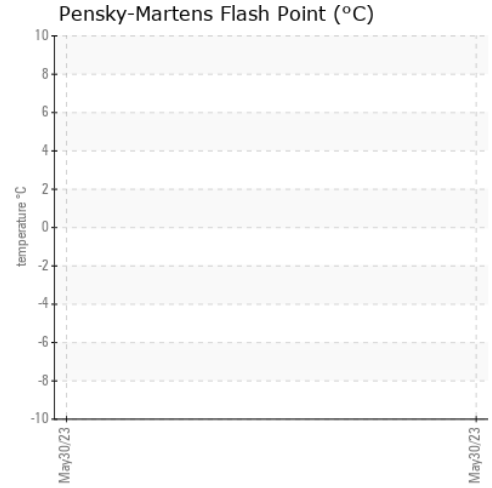
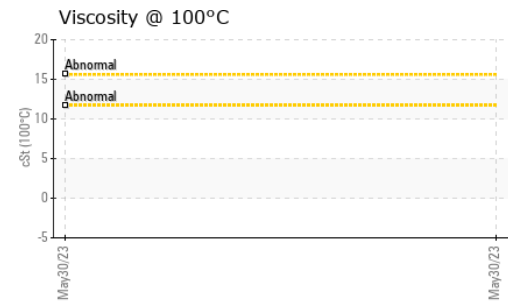
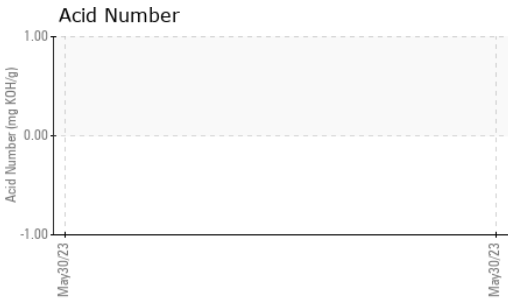
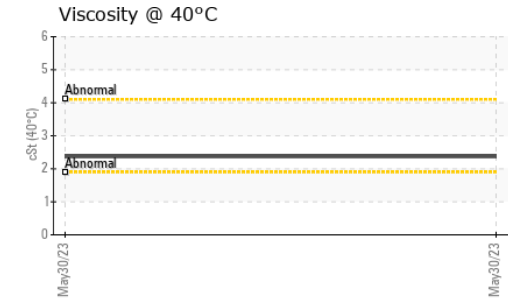
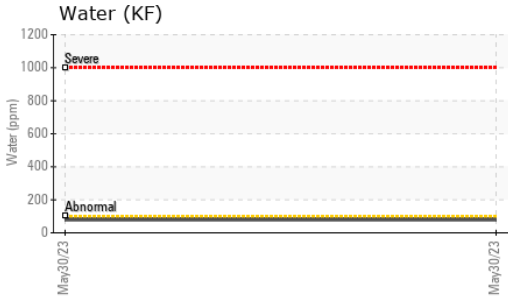
SAMPLE IMAGES

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



FUEL REPORT

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : DC0029790 **Received** : 20 Jun 2023
Lab Number : **05879162** **Diagnosed** : 27 Jun 2023
Unique Number : 10524265 **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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