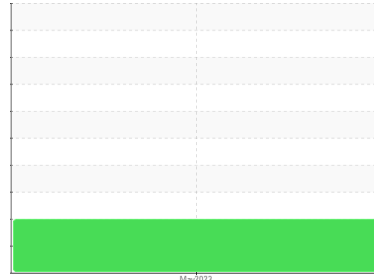




FUEL REPORT

Sample Rating Trend

WATER



Area
[SW1019584-1 STAKE]
 Machine Id
VOLVO EC250EL 310711
 Component
Diesel Fuel
 Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

▲ Recommendation

This is a baseline read-out on the submitted sample. We advise that you follow the water drain-off procedure for this component.

Corrosion

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

▲ Contaminants

Free water present. Moderate concentration of visible dirt/debris present 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	WC404711	---	---
Sample Date	Client Info	31 May 2023	---	---
Machine Age	hrs	Client Info	3427	---
Sample Status			ABNORMAL	---

PHYSICAL PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	2.46	---

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	0
Potassium	ppm	ASTM D5185m	<0.1	1
Water	%	ASTM D6304	<0.05	0.027
ppm Water	ppm	ASTM D6304	<500	270.2

HEAVY METALS

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

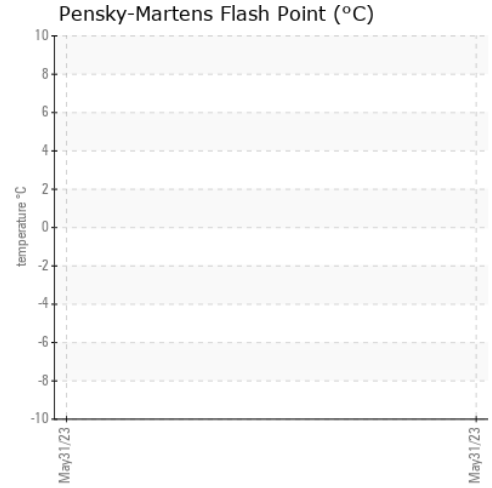
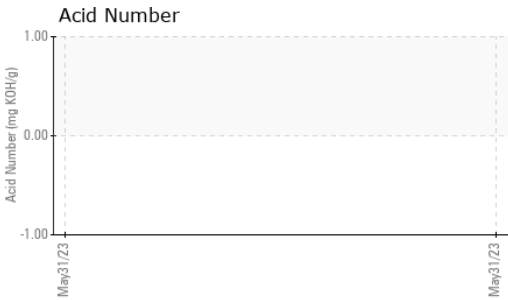
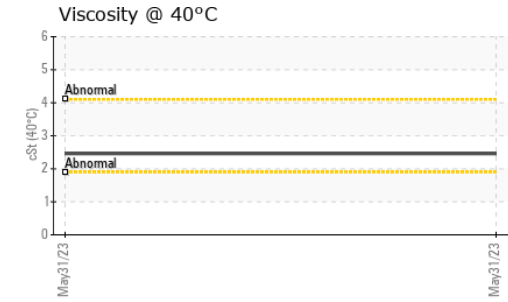
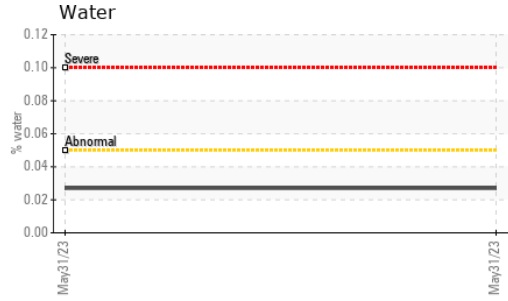
SAMPLE IMAGES

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. : WC404711 **Received** : 06 Jun 2023
Lab Number : 05865995 **Diagnosed** : 08 Jun 2023
Unique Number : 10505779 **Diagnostician** : Jonathan Hester
Test Package : MOB 1 (Additional Tests: Bacteria, KF)

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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