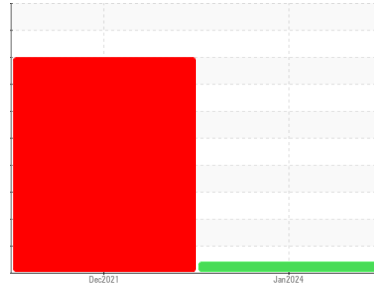




Area
[2303-1 MT FUELS]
 Machine Id
VOLVO EC210CL 111723
 Component
Diesel Fuel
 Fluid
{not provided} (--- GAL)

Sample Rating Trend



VIS DEBRIS



DIAGNOSIS

▲ Recommendation

This is a baseline read-out on the submitted sample. We recommend you service the filters on this component.

Corrosion

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

▲ Contaminants

Moderate concentration of visible dirt/debris present in the fuel. 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	VCP441058	VCP238444	---
Sample Date	Client Info	09 Jan 2024	07 Dec 2021	---
Machine Age	hrs	Client Info	12413	11778
Sample Status			ABNORMAL	SEVERE

PHYSICAL PROPERTIES method limit/base current history1 history2

Visc @ 40°C	cSt	ASTM D445	2.46	2.61	---
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SULFUR CONTENT method limit/base current history1 history2

Sulfur	ppm	ASTM D5185m	10	0	---
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CONTAMINANTS method limit/base current history1 history2

Silicon	ppm	ASTM D5185m	<1.0	<1	<1	---
Sodium	ppm	ASTM D5185m	<0.1	<1	0	---
Potassium	ppm	ASTM D5185m	<0.1	0	0	---
Water	%	ASTM D6304	<0.05	0.009	0.003	---
ppm Water	ppm	ASTM D6304	<500	94	36.5	---

HEAVY METALS method limit/base current history1 history2

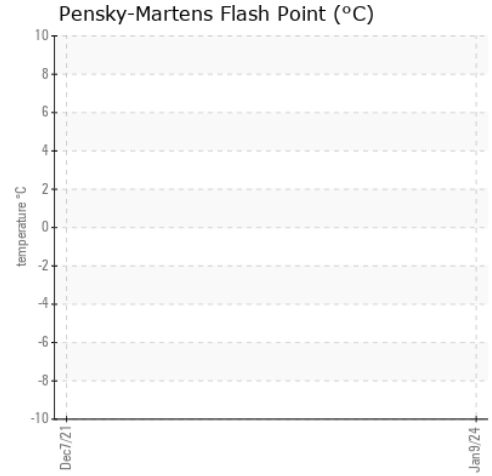
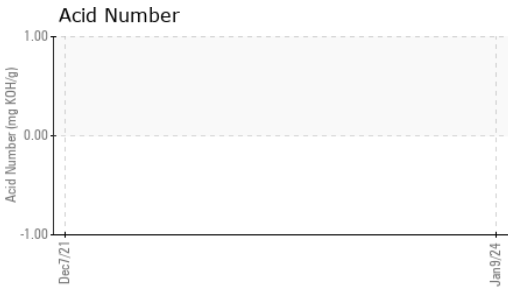
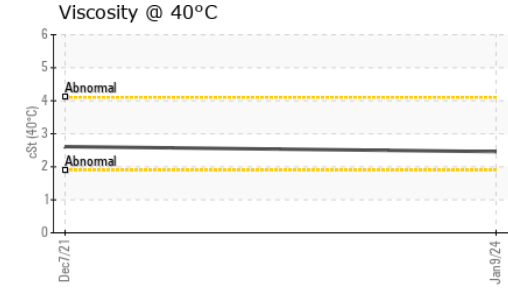
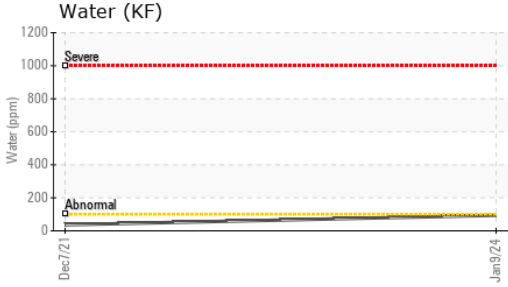
Aluminum	ppm	ASTM D5185m	<0.1	0	0	---
Nickel	ppm	ASTM D5185m	<0.1	0	0	---
Lead	ppm	ASTM D5185m	<0.1	0	0	---
Vanadium	ppm	ASTM D5185m	<0.1	<1	0	---
Iron	ppm	ASTM D5185m	<0.1	0	0	---
Calcium	ppm	ASTM D5185m	<0.1	0	0	---
Magnesium	ppm	ASTM D5185m	<0.1	0	0	---
Phosphorus	ppm	ASTM D5185m	<0.1	2	0	---
Zinc	ppm	ASTM D5185m	<0.1	0	0	---

SAMPLE IMAGES method limit/base current history1 history2

Color						no image
Bottom						no image

FUEL REPORT

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP441058 **Received** : 12 Jan 2024
Lab Number : 06059730 **Diagnosed** : 17 Jan 2024
Unique Number : 10831112 **Diagnostician** : Jonathan Hester
Test Package : MOB 1 (Additional Tests: KF)

MCCLUNG-LOGAN EQUIPMENT CO - WISE
 PO BOX 1158
 WISE, VA
 US 24293
 Contact: DANNY BARRINGTON
 dbarrington@mcclung-logan.com

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)

T:
F: