

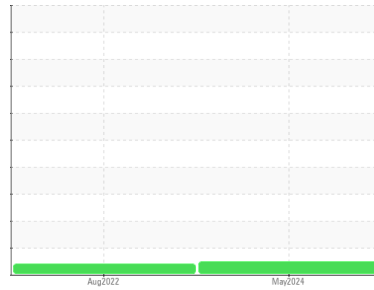


FUEL REPORT



Area
Ascendum Machinery [16756]
 Machine Id
VOLVO A60H 480011 (S/N 350025)
 Component
Diesel Fuel
 Fluid
No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)

Sample Rating Trend



NORMAL



DIAGNOSIS

Recommendation
 No corrective action is recommended at this time.

Corrosion
 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	VCP433002	VCP331726	---
Sample Date	Client Info	07 May 2024	24 Aug 2022	---
Machine Age	hrs	Client Info	4115	0
Sample Status			NORMAL	ABNORMAL

PHYSICAL PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	3.0	2.37	2.36

SULFUR CONTENT

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

CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	<1.0	0	0
Sodium	ppm	ASTM D5185m	<0.1	1	0
Potassium	ppm	ASTM D5185m	<0.1	0	0
Water	%	ASTM D6304	<0.05	0.003	0.004
ppm Water	ppm	ASTM D6304	<500	32	47.9

HEAVY METALS

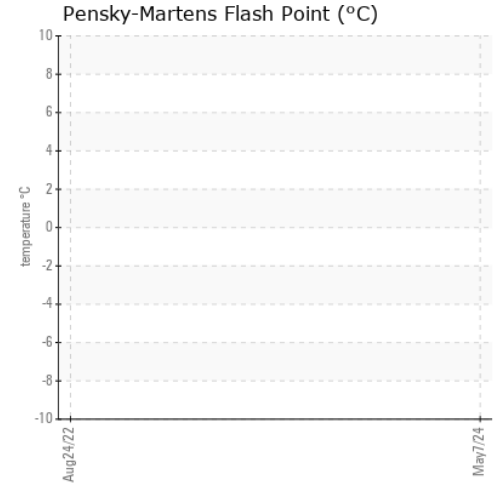
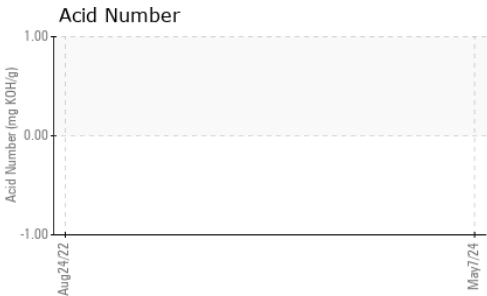
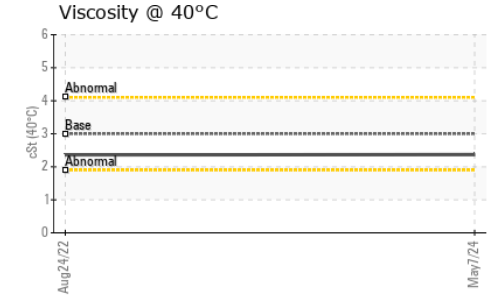
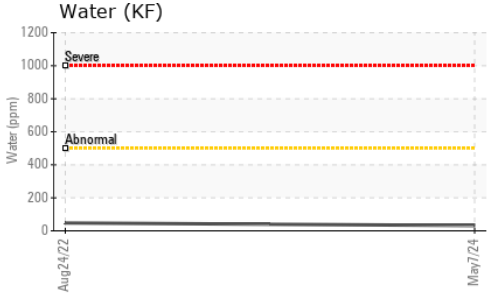
method	limit/base	current	history1	history2	
Aluminum	ppm	ASTM D5185m	<0.1	0	<1
Nickel	ppm	ASTM D5185m	<0.1	0	0
Lead	ppm	ASTM D5185m	<0.1	0	0
Vanadium	ppm	ASTM D5185m	<0.1	0	0
Iron	ppm	ASTM D5185m	<0.1	0	0
Calcium	ppm	ASTM D5185m	<0.1	0	0
Magnesium	ppm	ASTM D5185m	<0.1	0	0
Phosphorus	ppm	ASTM D5185m	<0.1	0	<1
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. : VCP433002 **Received** : 16 May 2024
Lab Number : **06182332** **Tested** : 21 May 2024
Unique Number : 11033658 **Diagnosed** : 21 May 2024 - Jonathan Hester
Test Package : MOB 1 (Additional Tests: KF)

MORGAN CORP
 PO BOX 3555
 SPARTANBURG, SC
 US 29304

Contact: MICHAEL SHEPARD
 mshepard@morgan-corp.com
 T: (864)433-8800

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)