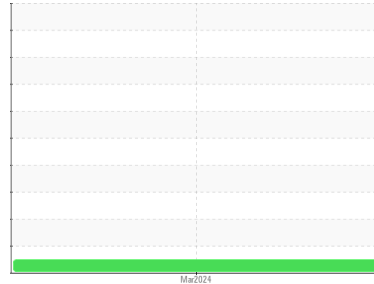


Area
TOW LIFT - VARIABLE SPEED [R103009249]
 Machine Id
VOLVO PENTA 7011490199
 Component
Diesel Fuel
 Fluid
{not provided} (--- GAL)



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. No evidence of DEF present. There is no indication of any contamination in the fuel.

Fuel Condition
 The condition of the fuel appears acceptable for service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			VPA055453	---	---
Sample Date	Client Info			13 Mar 2024	---	---
Machine Age	hrs	Client Info		9745	---	---
Sample Status				NORMAL	---	---

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		184	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<1.0	<1	---	---
Sodium	ppm	ASTM D5185m	<0.1	<1	---	---
Potassium	ppm	ASTM D5185m	<0.1	<1	---	---
Water	%	ASTM D6304	<0.05	0.001	---	---
ppm Water	ppm	ASTM D6304	<500	7	---	---

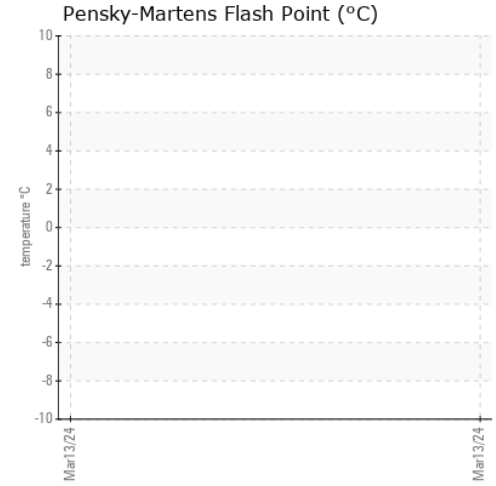
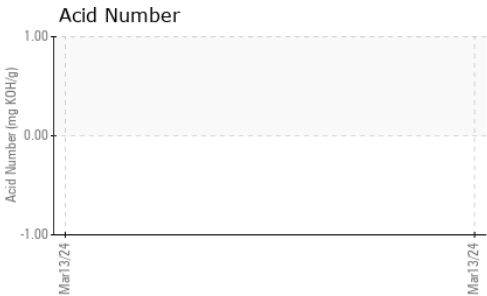
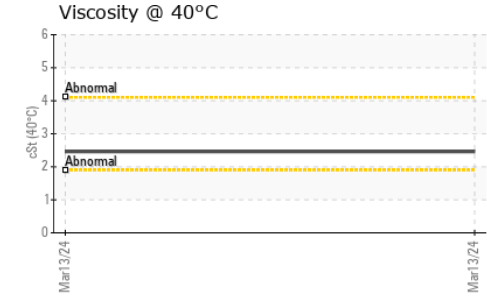
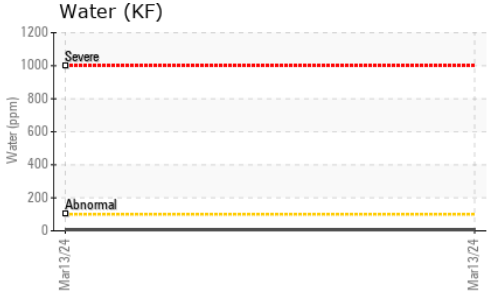
HEAVY METALS		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<0.1	0	---	---
Nickel	ppm	ASTM D5185m	<0.1	0	---	---
Lead	ppm	ASTM D5185m	<0.1	<1	---	---
Vanadium	ppm	ASTM D5185m	<0.1	0	---	---
Iron	ppm	ASTM D5185m	<0.1	0	---	---
Calcium	ppm	ASTM D5185m	<0.1	<1	---	---
Magnesium	ppm	ASTM D5185m	<0.1	<1	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	<1	---	---
Zinc	ppm	ASTM D5185m	<0.1	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. : VPA055453 **Received** : 18 Mar 2024
Lab Number : **06121286** **Tested** : 20 Mar 2024
Unique Number : 10930119 **Diagnosed** : 20 Mar 2024 - Doug Bogart
Test Package : MOB 1 (Additional Tests: KF)

WESTERN BRANCH - VP530168
 1616 METRIC AVE SW
 CANTON, OH
 US 44706
 Contact: RUSTY CRONK
 gcronk@wbdiesel.com
 T: (330)323-2393
 F: (330)454-6126

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)