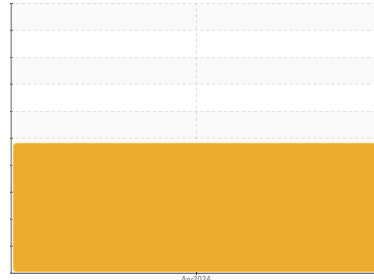




Area  
**[SW32730-1 ELITE CONT]**  
 Machine Id  
**VOLVO EC220E 315109 - FUEL FILTER**  
 Component  
**Diesel Fuel**  
 Fluid  
**No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)**



**DIAGNOSIS**

**▲ Recommendation**  
 We recommend drain/flush system.

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

**▲ Contaminants**  
 Excessive free water present. Water is fuel appears to be from DEF.

**Fuel Condition**  
 The fuel is no longer serviceable due to the presence of contaminants.

**SAMPLE INFORMATION** method limit/base current history1 history2

Sample Number	Client Info	<b>VCP443095</b>	---	---
Sample Date	Client Info	<b>18 Apr 2024</b>	---	---
Machine Age	hrs	Client Info	<b>687</b>	---
Sample Status			<b>SEVERE</b>	---

**PHYSICAL PROPERTIES** method limit/base current history1 history2

Visc @ 40°C	cSt	ASTM D445	3.0	<b>2.24</b>	---	---
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**SULFUR CONTENT** method limit/base current history1 history2

Sulfur	ppm	ASTM D5185m	10	<b>0</b>	---	---
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**CONTAMINANTS** method limit/base current history1 history2

Silicon	ppm	ASTM D5185m	<1.0	<b>0</b>	---	---
Sodium	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Potassium	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Water	%	ASTM D6304	<0.05	<b>0.017</b>	---	---
ppm Water	ppm	ASTM D6304	<500	<b>178</b>	---	---

**HEAVY METALS** method limit/base current history1 history2

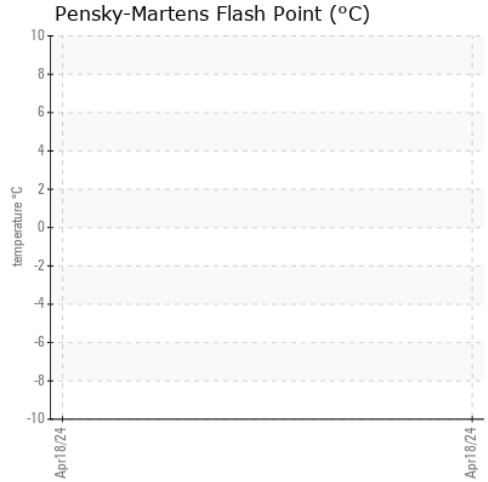
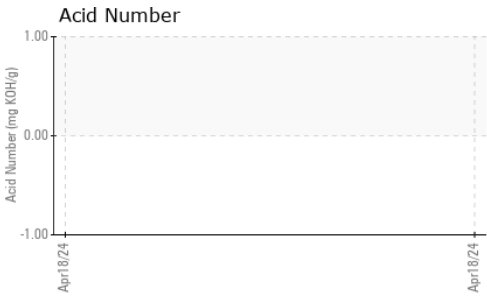
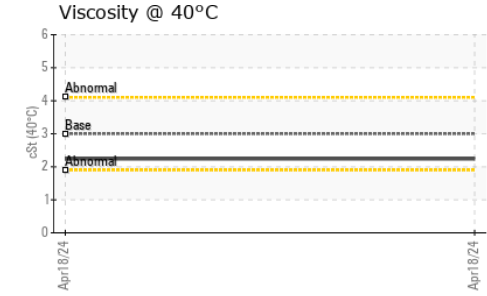
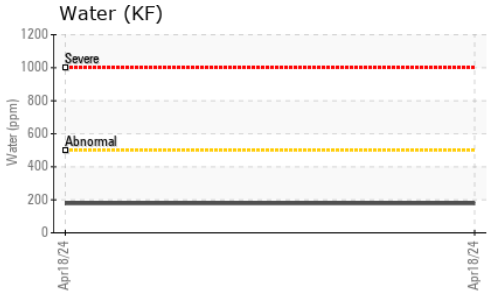
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Nickel	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Lead	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Iron	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Calcium	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Magnesium	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Zinc	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---

**SAMPLE IMAGES** method limit/base current history1 history2

Color					no image	no image
Bottom					no image	no image

**FUEL REPORT**

**GRAPHS**



Certificate L2367

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)

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VCP443095  
**Lab Number** : 06159557  
**Unique Number** : 10994980  
**Test Package** : MOB 1 ( Additional Tests: Bacteria, KF )  
**Received** : 24 Apr 2024  
**Tested** : 30 Apr 2024  
**Diagnosed** : 30 Apr 2024 - Jonathan Hester

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