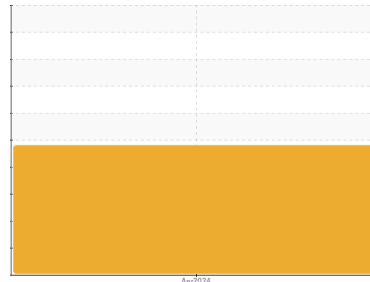


# FUEL REPORT

Sample Rating Trend



**WATER**



Area  
**[D28822 HERC RENTALS]**  
 Machine Id  
**VOLVO ECR145EL 315847**  
 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**

Free water present. Water 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>VCP417854</b>	---	---
Sample Date	Client Info	<b>05 Apr 2024</b>	---	---
Machine Age	hrs	Client Info	<b>807</b>	---
Sample Status			<b>SEVERE</b>	---

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

Visc @ 40°C	cSt	ASTM D445	3.0	<b>2.83</b>	---	---
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**SULFUR CONTENT** method limit/base current history1 history2

Sulfur	ppm	ASTM D5185m	10	<b>20</b>	---	---
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**CONTAMINANTS** method limit/base current history1 history2

Silicon	ppm	ASTM D5185m	<1.0	<b>&lt;1</b>	---	---
Sodium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---	---
Potassium	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Water	%	ASTM D6304	<0.05	<b>0.021</b>	---	---
ppm Water	ppm	ASTM D6304	<500	<b>218</b>	---	---

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

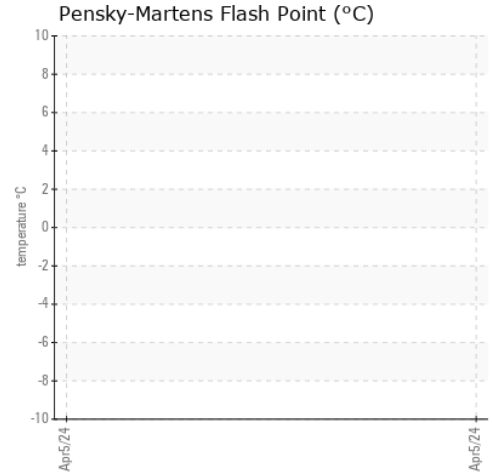
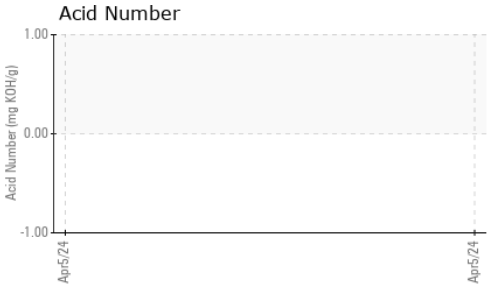
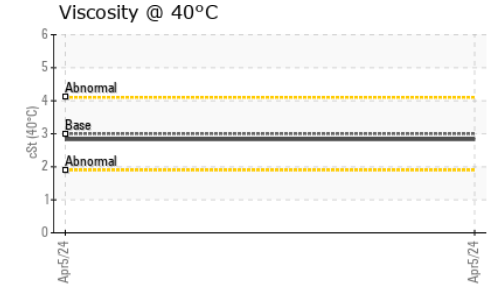
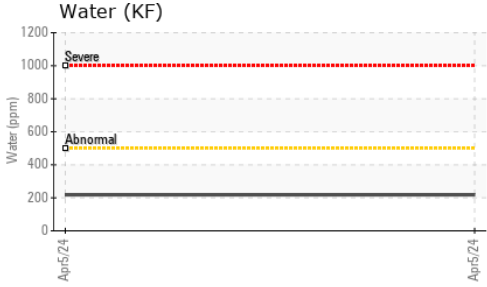
Aluminum	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Nickel	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---	---
Iron	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Calcium	ppm	ASTM D5185m	<0.1	<b>1</b>	---	---
Magnesium	ppm	ASTM D5185m	<0.1	<b>0</b>	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	<b>4</b>	---	---
Zinc	ppm	ASTM D5185m	<0.1	<b>1</b>	---	---

**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.** : VCP417854  
**Lab Number** : 06144765  
**Unique Number** : 10969573  
**Test Package** : MOB 1 ( Additional Tests: Bacteria, KF )

**Received** : 10 Apr 2024  
**Tested** : 16 Apr 2024  
**Diagnosed** : 16 Apr 2024 - Jonathan Hester

**ARING EQUIPMENT COMPANY INC - MADISON/DE FOREST**  
 5005 CAKE PKWY  
 DE FOREST, WI  
 US 53532-1004

Contact: GARY NECHVATAL  
 gnechvatal@aring.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:  
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