



Area

[SWA507984-20]

Machine Id

**GENIE S45H S45H26178**

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. There is a moderate amount of visible silt present in the sample. 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>VCP295919</b>	---	---
Sample Date	Client Info	<b>08 Apr 2024</b>	---	---
Machine Age	hrs	Client Info	<b>1928</b>	---
Sample Status			<b>SEVERE</b>	---

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

Visc @ 40°C	cSt	ASTM D445	3.0	<b>2.66</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>&lt;1</b>	---	---
Water	%	ASTM D6304	<0.05	<b>0.010</b>	---	---
ppm Water	ppm	ASTM D6304	<500	<b>108</b>	---	---

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

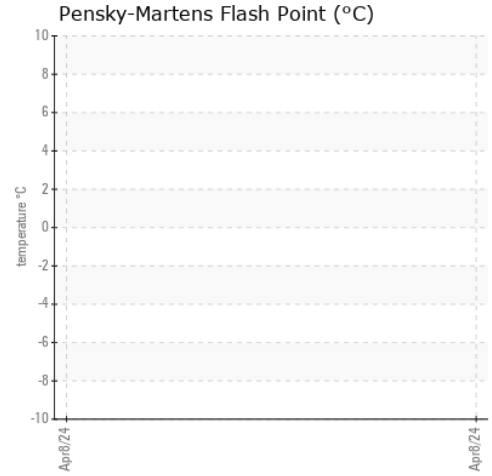
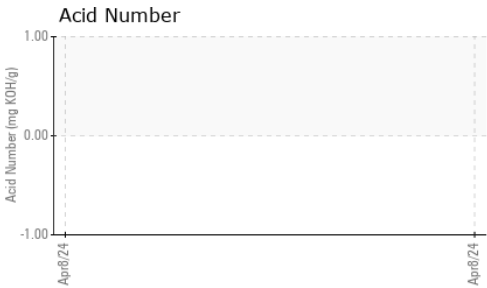
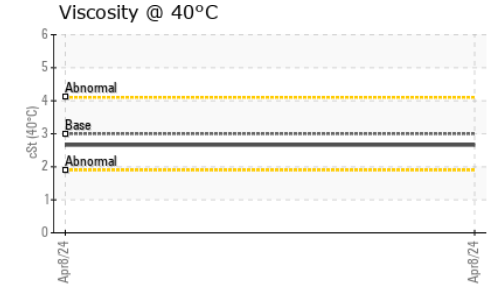
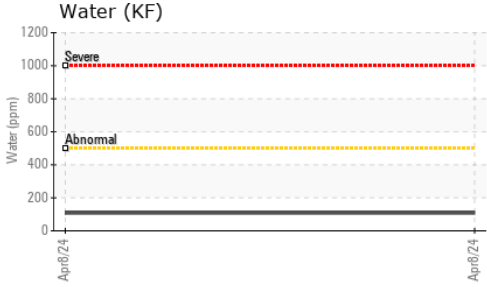
Aluminum	ppm	ASTM D5185m	<0.1	<b>1</b>	---	---
Nickel	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185m	<0.1	<b>1</b>	---	---
Vanadium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---	---
Iron	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---	---
Calcium	ppm	ASTM D5185m	<0.1	<b>4</b>	---	---
Magnesium	ppm	ASTM D5185m	<0.1	<b>&lt;1</b>	---	---
Phosphorus	ppm	ASTM D5185m	<0.1	<b>2</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

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : VCP295919

**Lab Number** : 06146286

**Unique Number** : 10976364

**Test Package** : MOB 1 ( Additional Tests: Bacteria, KF )

**Received** : 11 Apr 2024

**Tested** : 18 Apr 2024

**Diagnosed** : 18 Apr 2024 - Jonathan Hester

**ALTA EQUIPMENT COMPANY- BYRON CENTER**

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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)