



# VOLVO

## FUEL REPORT

|                |        |
|----------------|--------|
| CORROSION      | NORMAL |
| CONTAMINANTS   | SEVERE |
| FUEL CONDITION | NORMAL |

Area

[SWA507984-20]

Machine Id

GENIE S45H S45H26178

Component

Diesel Fuel

Fluid

No.2 DIESEL FUEL (ULTRALOW SULPHUR) (--- GAL)

### RECOMMENDATION

We recommend drain/flush system.

### CORROSION

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

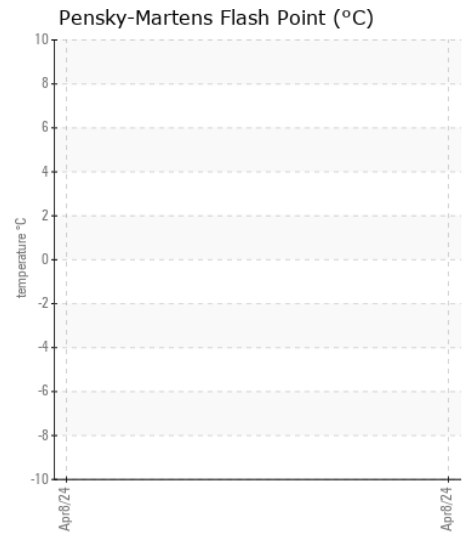
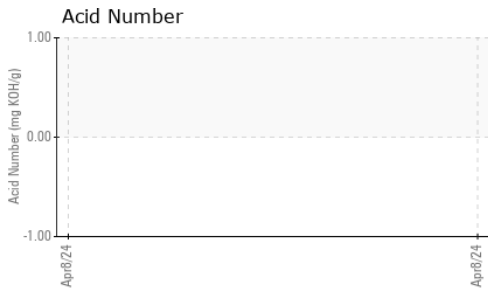
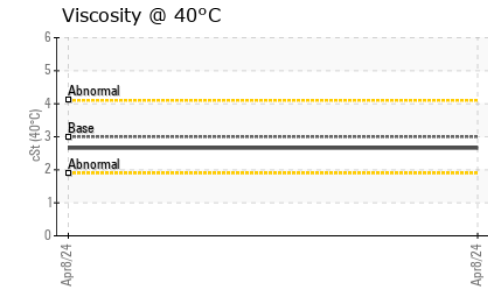
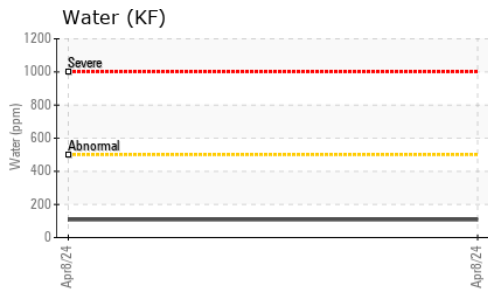
### CONTAMINANTS

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.

| Test          | UOM | Method      | Limit/Abn | Current     | History1 | History2 |
|---------------|-----|-------------|-----------|-------------|----------|----------|
| Sample Number |     | Client Info |           | VCP295919   | ---      | ---      |
| Sample Date   |     | Client Info |           | 08 Apr 2024 | ---      | ---      |
| Machine Age   | hrs | Client Info |           | 1928        | ---      | ---      |
| Sample Status |     |             |           | SEVERE      | ---      | ---      |
| Aluminum      | ppm | ASTM D5185m | <0.1      | 1           | ---      | ---      |
| Nickel        | ppm | ASTM D5185m | <0.1      | <1          | ---      | ---      |
| Lead          | ppm | ASTM D5185m | <0.1      | 1           | ---      | ---      |
| Vanadium      | ppm | ASTM D5185m | <0.1      | <1          | ---      | ---      |
| Iron          | ppm | ASTM D5185m | <0.1      | <1          | ---      | ---      |
| Silicon       | ppm | ASTM D5185m | <1.0      | 0           | ---      | ---      |
| Sodium        | ppm | ASTM D5185m | <0.1      | 0           | ---      | ---      |
| Potassium     | ppm | ASTM D5185m | <0.1      | <1          | ---      | ---      |
| Water         | %   | ASTM D6304  | <0.05     | 0.010       | ---      | ---      |
| ppm Water     | ppm | ASTM D6304  | <500      | 108         | ---      | ---      |
| Calcium       | ppm | ASTM D5185m | <0.1      | 4           | ---      | ---      |
| Magnesium     | ppm | ASTM D5185m | <0.1      | <1          | ---      | ---      |
| Phosphorus    | ppm | ASTM D5185m | <0.1      | 2           | ---      | ---      |
| Zinc          | ppm | ASTM D5185m | <0.1      | 0           | ---      | ---      |
| Visc @ 40°C   | cSt | ASTM D445   | 3.0       | 2.66        | ---      | ---      |
| Sulfur        | ppm | ASTM D5185m | 10        | 0           | ---      | ---      |



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)