



CONSTRUCTION EQUIPMENT

716459 BRIAR VOLVO A25G 752192 - DROP BOX



Sample No: VCP454528
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 716459 BRIAR



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP454528	---	---	---
Sample Date	16 May 2024	---	---	---
Machine Hours	4011	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 54.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 392	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 10	---	---	---



WEAR METALS

Iron	ppm	▲ 1316	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	● 67	---	---	---
Chromium	ppm	■ 18	---	---	---
Molybdenum	ppm	■ 12	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	3	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 15	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 94	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 53	---	---	---
Phosphorus	ppm	■ 1195	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 114	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. Oil and filter change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil viscosity is lower than normal. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0096
Unique No: 11036041
Signed: Sean Felton
Report Date: 22 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

