



CONSTRUCTION EQUIPMENT

716459 BRIAR VOLVO A25G 752192 - BOGIE/CENTER AXLE



Sample No: VCP454533
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 716459 BRIAR



SAMPLE INFORMATION

Sample Number	VCP454533	VCP437964	---	---
Sample Date	16 May 2024	25 Jan 2024	---	---
Machine Hours	4011	3628	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
9601 BOGGY CREEK RD
ORLANDO, FL
US 32824
Contact: Robert LaPlante
robert.laplante@altg.com
T: (407)508-9736
F: (407)659-8720



OIL CONDITION

Visc @ 40°C	cSt	■ 363	■ 253	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 14	■ 4	---	---
Sodium	ppm	■ <1	■ 0	---	---
Potassium	ppm	■ 2	■ 2	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 95	■ 51	---	---
Copper	ppm	■ 17	■ 10	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 0	■ <1	---	---
Aluminum	ppm	■ <1	■ 2	---	---
Chromium	ppm	■ 2	■ <1	---	---
Molybdenum	ppm	■ 1	■ 2	---	---
Nickel	ppm	■ <1	■ 1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 2	■ 2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	■ 44	■ 143	---	---
Magnesium	ppm	■ 5	■ 19	---	---
Zinc	ppm	■ 26	■ 81	---	---
Phosphorus	ppm	■ 694	■ 1018	---	---
Barium	ppm	■ 0	■ <1	---	---
Boron	ppm	■ 80	■ 202	---	---

Depot: VOLVO0096
Unique No: 11036039
Signed: Sean Felton
Report Date: 22 May 2024



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GRAPHS

