



CONSTRUCTION EQUIPMENT

716459 BRIAR VOLVO A25G 752192 - FRONT AXLE



Sample No: VCP454526
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 716459 BRIAR



SAMPLE INFORMATION

Sample Number	VCP454526	---	---	---
Sample Date	16 May 2024	---	---	---
Machine Hours	4011	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 315	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 21	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 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	█ 168	---	---	---
Copper	ppm	█ 19	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 58	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	█ 31	---	---	---
Phosphorus	ppm	█ 870	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 143	---	---	---

Depot: VOLVO0096
Unique No: 11036042
Signed: Sean Felton
Report Date: 22 May 2024



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GRAPHS

