



CONSTRUCTION EQUIPMENT

716457 BRIAR TEAM VOLVO A25G 752190 - REAR AXLE



Sample No: VCP454590
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 716457 BRIAR TEAM



SAMPLE INFORMATION

Sample Number	VCP454590	---	---	---
Sample Date	16 May 2024	---	---	---
Machine Hours	3472	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	● 92.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 4	---	---	---
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 oil viscosity is lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	■ 203	---	---	---
Copper	ppm	■ 22	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 187	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 78	---	---	---
Phosphorus	ppm	1439	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 255	---	---	---

Depot: VOLVO0096
Unique No: 11049315
Signed: Don Baldrige
Report Date: 30 May 2024



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GRAPHS

