



CONSTRUCTION EQUIPMENT

715086 ALTA RENTS VOLVO A25G 752923 - BOGIE/CENTER AXLE



Sample No: VCP449659
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 715086 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP449659	VCP437965	---	---
Sample Date	06 May 2024	29 Jan 2024	---	---
Machine Hours	1106	574	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 275	● 101	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 3	█ 5	---	---
Sodium	ppm	█ <1	█ 0	---	---
Potassium	ppm	█ <1	█ 4	---	---

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	█ 149	█ 250	---	---
Copper	ppm	█ 8	█ 21	---	---
Lead	ppm	█ <1	█ <1	---	---
Tin	ppm	█ 0	█ 1	---	---
Aluminum	ppm	█ 0	█ <1	---	---
Chromium	ppm	█ 3	█ 6	---	---
Molybdenum	ppm	█ 3	█ 9	---	---
Nickel	ppm	█ 2	█ 4	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 4	█ 13	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 133	█ 155	---	---
Magnesium	ppm	█ 4	█ 3	---	---
Zinc	ppm	█ 61	█ 73	---	---
Phosphorus	ppm	█ 738	█ 1304	---	---
Barium	ppm	█ <1	█ 0	---	---
Boron	ppm	█ 71	█ 301	---	---

Depot: VOLVO0096
Unique No: 11020280
Signed: Wes Davis
Report Date: 10 May 2024



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GRAPHS

