



CONSTRUCTION EQUIPMENT

700717 RENTALS VOLVO A25G 752650 - FRONT AXLE



Sample No: VCP446381
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 700717 RENTALS



SAMPLE INFORMATION

Sample Number	VCP446381	VCP431596	VCP421517	---
Sample Date	04 Apr 2024	28 Nov 2023	23 May 2023	---
Machine Hours	2072	1460	543	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ATTENTION	---

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OIL CONDITION

Visc @ 40°C	cSt	274	237	95.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	7	2	6	---
Sodium	ppm	<1	0	0	---
Potassium	ppm	0	1	3	---

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	155	151	332	---
Copper	ppm	10	19	39	---
Lead	ppm	0	0	0	---
Tin	ppm	0	<1	2	---
Aluminum	ppm	<1	2	<1	---
Chromium	ppm	3	2	7	---
Molybdenum	ppm	4	3	5	---
Nickel	ppm	<1	2	6	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	4	14	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	263	143	519	---
Magnesium	ppm	49	11	3	---
Zinc	ppm	145	65	235	---
Phosphorus	ppm	881	1022	1328	---
Barium	ppm	<1	3	6	---
Boron	ppm	99	184	244	---

Depot: VOLVO0096
Unique No: 10969486
Signed: Wes Davis
Report Date: 11 Apr 2024



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GRAPHS

