



CONSTRUCTION EQUIPMENT

715079 RENTALS VOLVO A25G 752922 - FRONT AXLE



Sample No: VCP451232
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 715079 RENTALS



SAMPLE INFORMATION

Sample Number	VCP451232	VCP436612	VCP436609	---
Sample Date	06 May 2024	29 Jan 2024	29 Jan 2024	---
Machine Hours	1092	574	549	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	ATTENTION	ATTENTION	---

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OIL CONDITION

Visc @ 40°C	cSt	127	101	92.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	7	7	---
Sodium	ppm	1	0	0	---
Potassium	ppm	2	6	5	---

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	256	364	356	---
Copper	ppm	23	31	31	---
Lead	ppm	1	<1	<1	---
Tin	ppm	<1	1	1	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	5	8	8	---
Molybdenum	ppm	12	12	10	---
Nickel	ppm	3	4	5	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	8	15	13	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	542	153	538	---
Magnesium	ppm	64	3	4	---
Zinc	ppm	324	72	272	---
Phosphorus	ppm	1150	1321	1319	---
Barium	ppm	3	0	0	---
Boron	ppm	141	283	233	---

Depot: VOLVO0096
Unique No: 11020285
Signed: Angela Borella
Report Date: 13 May 2024



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GRAPHS

