



CONSTRUCTION EQUIPMENT

VOLVO A25G 752074 - FRONT AXLE



Sample No: VCP434787
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP434787	VCP398656	VCP362882	---
Sample Date	28 Nov 2023	01 Mar 2023	13 May 2022	---
Machine Hours	4301	3204	2145	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	252	252	148	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	0	2	---
Sodium	ppm	1	0	0	---
Potassium	ppm	2	<1	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	52	49	106	---
Copper	ppm	10	6	14	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	<1	0	<1	---
Chromium	ppm	<1	0	2	---
Molybdenum	ppm	4	3	6	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	<1	5	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	65	65	94	---
Magnesium	ppm	16	16	17	---
Zinc	ppm	45	44	54	---
Phosphorus	ppm	924	874	822	---
Barium	ppm	0	<1	0	---
Boron	ppm	125	131	56	---

Depot: JRDKIS
Unique No: 10765293
Signed: Wes Davis
Report Date: 30 Nov 2023



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GRAPHS

