



CONSTRUCTION EQUIPMENT

700717 RENTALS VOLVO A25G 752650 - REAR AXLE



Sample No: VCP443728
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 700717 RENTALS



SAMPLE INFORMATION

Sample Number	VCP443728	VCP431592	VCP421045	---
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	278	242	104	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	<1	4	---
Sodium	ppm	<1	0	<1	---
Potassium	ppm	0	2	6	---

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	145	110	242	---
Copper	ppm	10	13	27	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	<1	1	---
Aluminum	ppm	<1	2	0	---
Chromium	ppm	2	2	5	---
Molybdenum	ppm	4	3	5	---
Nickel	ppm	<1	1	3	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	3	12	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	197	99	158	---
Magnesium	ppm	47	11	2	---
Zinc	ppm	124	43	76	---
Phosphorus	ppm	874	998	1472	---
Barium	ppm	<1	3	6	---
Boron	ppm	99	208	326	---

Depot: VOLVO0096
Unique No: 10969487
Signed: Wes Davis
Report Date: 11 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

