



CONSTRUCTION EQUIPMENT

VOLVO A25G 740250 - FRONT AXLE



Sample No: VCP434308
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP434308	VCP412168	VCP344736	---
Sample Date	08 Nov 2023	28 Aug 2023	25 Oct 2021	---
Machine Hours	5775	5525	3871	---
Oil Hours	0	0	0	---
Oil Changed	Not Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	240	220	185	---
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CONTAMINATION

Silicon	ppm	2	4	2	---
Sodium	ppm	<1	0	2	---
Potassium	ppm	0	<1	0	---

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	74	202	352	---
Copper	ppm	19	73	36	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	3	2	---
Aluminum	ppm	0	0	<1	---
Chromium	ppm	0	2	6	---
Molybdenum	ppm	10	5	6	---
Nickel	ppm	0	1	3	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	1	4	8	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	206	117	153	---
Magnesium	ppm	50	15	15	---
Zinc	ppm	126	48	51	---
Phosphorus	ppm	812	1199	1187	---
Barium	ppm	0	2	0	---
Boron	ppm	129	191	190	---

Depot: VOLVO0090
Unique No: 10740983
Signed: Wes Davis
Report Date: 15 Nov 2023



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GRAPHS

