



CONSTRUCTION EQUIPMENT

VOLVO A25G VCP 413192 (S/N NOT GIVEN) - BOGIE/CENTER AXLE



Sample No: VCP432752
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP432752	---	---	---
Sample Date	24 Oct 2023	---	---	---
Machine Hours	4800	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	96.6	---	---	---
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CONTAMINATION

Silicon	ppm	20	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	2	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. High concentration of visible metal present. All component wear rates are normal. There is no indication of any contamination in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	360	---	---	---
Copper	ppm	122	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	6	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	5	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	319	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	155	---	---	---
Phosphorus	ppm	1038	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	142	---	---	---

Depot: VOLVO0096
Unique No: 10712165
Signed: Don Baldrige
Report Date: 27 Oct 2023



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GRAPHS

