



CONSTRUCTION EQUIPMENT

VOLVO A25G 752689 - BOGIE/CENTER AXLE



Sample No: VCP432812
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP432812	VCP412813	---	---
Sample Date	15 Nov 2023	22 Jul 2023	---	---
Machine Hours	912	457	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	239	▲ 90.2	---	---
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CONTAMINATION

Silicon	ppm	2	5	---	---
Sodium	ppm	<1	1	---	---
Potassium	ppm	<1	4	---	---

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	71	185	---	---
Copper	ppm	11	26	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	1	4	---	---
Molybdenum	ppm	2	6	---	---
Nickel	ppm	<1	3	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	9	---	---
Vanadium	ppm	0	<1	---	---

ADDITIVES

Calcium	ppm	216	853	---	---
Magnesium	ppm	16	2	---	---
Zinc	ppm	100	366	---	---
Phosphorus	ppm	1096	1391	---	---
Barium	ppm	0	0	---	---
Boron	ppm	187	325	---	---

Depot: VOLVO0096
Unique No: 10749082
Signed: Wes Davis
Report Date: 17 Nov 2023



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GRAPHS

