



CONSTRUCTION EQUIPMENT

634633 B&C VOLVO A25G 752650 - BOGIE/CENTER AXLE



Sample No: VCP431595
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 634633 B&C



SAMPLE INFORMATION

Sample Number	VCP431595	VCP421512	---	---
Sample Date	28 Nov 2023	23 May 2023	---	---
Machine Hours	1460	543	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	231	▲ 101	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	1	5	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	3	5	---	---

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	159	338	---	---
Copper	ppm	20	34	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	1	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	2	7	---	---
Molybdenum	ppm	3	5	---	---
Nickel	ppm	2	4	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	8	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	114	206	---	---
Magnesium	ppm	11	2	---	---
Zinc	ppm	51	98	---	---
Phosphorus	ppm	1022	1307	---	---
Barium	ppm	3	6	---	---
Boron	ppm	203	280	---	---

Depot: VOLVO0096
Unique No: 10768678
Signed: Don Baldrige
Report Date: 06 Dec 2023



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GRAPHS

