



CONSTRUCTION EQUIPMENT

544259 RENTALS VOLVO A30 753398 - BOGIE/CENTER AXLE



Sample No: VCP451091
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 544259 RENTALS



SAMPLE INFORMATION

Sample Number	VCP451091	VCP449610	---	---
Sample Date	24 Apr 2024	23 Apr 2024	---	---
Machine Hours	1166	1160	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	227	230	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	6	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	3	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	139	143	---	---
Copper	ppm	12	10	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	3	3	---	---
Nickel	ppm	1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	259	184	---	---
Magnesium	ppm	2	0	---	---
Zinc	ppm	125	79	---	---
Phosphorus	ppm	1304	1207	---	---
Barium	ppm	0	0	---	---
Boron	ppm	237	199	---	---

Depot: VOLVO0090
Unique No: 11006766
Signed: Jonathan Hester
Report Date: 05 May 2024



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GRAPHS

