



CONSTRUCTION EQUIPMENT

VOLVO A25G 752074 - BOGIE/CENTER AXLE



Sample No: VCP434868
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP434868	VCP400362	VCP362884	---
Sample Date	28 Nov 2023	01 Mar 2023	13 May 2022	---
Machine Hours	4301	3204	2145	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	255	267	159	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	0	2	---
Sodium	ppm	2	0	0	---
Potassium	ppm	2	<1	3	---

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	158	33	86	---
Copper	ppm	12	4	14	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	<1	0	<1	---
Chromium	ppm	2	0	2	---
Molybdenum	ppm	4	2	6	---
Nickel	ppm	2	0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	0	6	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	201	57	65	---
Magnesium	ppm	17	15	13	---
Zinc	ppm	97	41	38	---
Phosphorus	ppm	958	888	909	---
Barium	ppm	0	<1	0	---
Boron	ppm	141	146	93	---

Depot: JRDKIS
Unique No: 10765292
Signed: Wes Davis
Report Date: 30 Nov 2023



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GRAPHS

