



CONSTRUCTION EQUIPMENT

VOLVO A25G 752045 - REAR AXLE



Sample No: VCP446675
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP446675	VCP387326	VCP320498	---
Sample Date	21 May 2024	15 Sep 2023	25 Aug 2021	---
Machine Hours	4514	3862	1613	---
Oil Hours	0	0	1613	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	202	59.1	58.7	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	6	3	---
Sodium	ppm	<1	4	3	---
Potassium	ppm	0	4	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	91	223	231	---
Copper	ppm	7	36	34	---
Lead	ppm	0	0	0	---
Tin	ppm	0	1	1	---
Aluminum	ppm	0	<1	0	---
Chromium	ppm	<1	4	5	---
Molybdenum	ppm	8	11	10	---
Nickel	ppm	0	2	4	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	5	20	17	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	224	251	239	---
Magnesium	ppm	32	2	1	---
Zinc	ppm	101	113	106	---
Phosphorus	ppm	1144	1390	1322	---
Barium	ppm	0	0	0	---
Boron	ppm	212	209	176	---

Depot: VOLVO0090
Unique No: 11056526
Signed: Wes Davis
Report Date: 31 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

