



CONSTRUCTION EQUIPMENT

VOLVO A25G 752598 - REAR AXLE



Sample No: VCP442939
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP442939	VCP434282	VCP419486	---
Sample Date	09 May 2024	06 Nov 2023	26 May 2023	---
Machine Hours	2325	1489	528	---
Oil Hours	0	0	0	---
Oil Changed	Not Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
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OIL CONDITION

Visc @ 40°C	cSt	146	133	135	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	6	2	---
Sodium	ppm	2	1	<1	---
Potassium	ppm	<1	3	2	---

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	178	125	52	---
Copper	ppm	23	14	3	---
Lead	ppm	0	<1	0	---
Tin	ppm	1	<1	0	---
Aluminum	ppm	0	<1	0	---
Chromium	ppm	4	3	2	---
Molybdenum	ppm	2	<1	2	---
Nickel	ppm	1	2	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	9	7	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	195	194	207	---
Magnesium	ppm	3	1	<1	---
Zinc	ppm	74	78	89	---
Phosphorus	ppm	1688	1767	1823	---
Barium	ppm	0	<1	0	---
Boron	ppm	182	180	183	---

Depot: VOLVO0090
Unique No: 11023570
Signed: Wes Davis
Report Date: 14 May 2024



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GRAPHS

