



CONSTRUCTION EQUIPMENT

X59231 VOLVO A25G 752703 - FRONT AXLE



Sample No: VCP437139
Oil Type: GEAR OIL SAE 80W90
Job No: X59231



SAMPLE INFORMATION

Sample Number	VCP437139	VCP425399	---	---
Sample Date	12 Feb 2024	16 Nov 2023	---	---
Machine Hours	1976	1473	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	143	84.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	<1	4	---	---
Sodium	ppm	0	<1	---	---
Potassium	ppm	2	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	62	265	---	---
Copper	ppm	8	35	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	2	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	5	---	---
Molybdenum	ppm	<1	4	---	---
Nickel	ppm	0	3	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	10	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	137	800	---	---
Magnesium	ppm	<1	3	---	---
Zinc	ppm	55	361	---	---
Phosphorus	ppm	1133	1364	---	---
Barium	ppm	0	7	---	---
Boron	ppm	189	216	---	---

Depot: SCOSAI
Unique No: 10885418
Signed: Don Baldrige
Report Date: 20 Feb 2024



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GRAPHS

