



CONSTRUCTION EQUIPMENT

632951 CAMO VOLVO A25C 13254 - FRONT AXLE



Sample No: VCP430727
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 632951 CAMO



SAMPLE INFORMATION

Sample Number	VCP430727	VC074194	VC002334	---
Sample Date	06 Nov 2023	24 Feb 2004	19 Aug 2003	---
Machine Hours	9083	1022	673	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	275	138.6	140.5	---
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CONTAMINATION

Silicon	ppm	27	23	22	---
Sodium	ppm	<1	2	3	---
Potassium	ppm	4	15	5	---



WEAR METALS

Iron	ppm	354	453	332	---
Copper	ppm	20	23	18	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	3	0	---
Aluminum	ppm	<1	3	<1	---
Chromium	ppm	7	9	7	---
Molybdenum	ppm	2	0	3	---
Nickel	ppm	2	4	2	---
Titanium	ppm	1	2	2	---
Silver	ppm	0	0	<1	---
Manganese	ppm	8	14	10	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	74	15	13	---
Magnesium	ppm	0	1	0	---
Zinc	ppm	15	23	20	---
Phosphorus	ppm	814	606	589	---
Barium	ppm	0	2	<1	---
Boron	ppm	32	1	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 component. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0096
Unique No: 10736980
Signed: Sean Felton
Report Date: 13 Nov 2023



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GRAPHS

