



CONSTRUCTION EQUIPMENT

632951 CAMO VOLVO A25C 13254 - REAR AXLE



Sample No: VCP430746
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 632951 CAMO



SAMPLE INFORMATION

Sample Number	VCP430746	VC074206	VC002344	---
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	ATTENTION	NORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	▲ 76.2	139.8	140.9	---
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CONTAMINATION

Silicon	ppm	■ 16	■ 32	■ 24	---
Sodium	ppm	■ <1	■ 2	■ 2	---
Potassium	ppm	■ 1	■ 15	■ 3	---



WEAR METALS

Iron	ppm	■ 93	■ 467	■ 304	---
Copper	ppm	■ 8	■ 20	■ 15	---
Lead	ppm	■ 0	■ 0	■ 0	---
Tin	ppm	■ <1	■ 4	■ 0	---
Aluminum	ppm	■ <1	■ 3	■ <1	---
Chromium	ppm	■ <1	■ 9	■ 6	---
Molybdenum	ppm	■ 0	0	2	---
Nickel	ppm	■ <1	5	2	---
Titanium	ppm	0	3	2	---
Silver	ppm	0	0	0	---
Manganese	ppm	■ 1	16	11	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	▲ 605	17	13	---
Magnesium	ppm	■ 0	<1	0	---
Zinc	ppm	▲ 0	28	25	---
Phosphorus	ppm	■ 601	609	598	---
Barium	ppm	■ 0	2	<1	---
Boron	ppm	▲ 18	1	1	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO0096
Unique No: 10736981
Signed: Sean Felton
Report Date: 13 Nov 2023



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GRAPHS

