



CONSTRUCTION EQUIPMENT

433914 JMH VOLVO A30G 752683 - REAR AXLE



Sample No: VCP428519
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 433914 JMH



SAMPLE INFORMATION

Sample Number	VCP428519	---	---	---
Sample Date	13 Dec 2023	---	---	---
Machine Hours	2013	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	▲ 58.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ <1	---	---	---



WEAR METALS

Iron	ppm	■ 103	---	---	---
Copper	ppm	■ 13	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 223	---	---	---
Magnesium	ppm	■ 1	---	---	---
Zinc	ppm	■ 101	---	---	---
Phosphorus	ppm	▲ 2130	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	▲ 269	---	---	---

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. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO0096
Unique No: 10793424
Signed: Jonathan Hester
Report Date: 20 Dec 2023



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GRAPHS

