



CONSTRUCTION EQUIPMENT

661692 ALTA RENTS VOLVO A25G 752922 - REAR AXLE



Sample No: VCP437955
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 661692 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP437955	VCP436605	---	---
Sample Date	29 Jan 2024	29 Jan 2024	---	---
Machine Hours	549	549	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ATTENTION	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	▲ 88.8	▲ 90.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 10	■ 7	---	---
Sodium	ppm	■ 0	■ 0	---	---
Potassium	ppm	■ 5	■ 6	---	---



WEAR METALS

Iron	ppm	■ 260	■ 267	---	---
Copper	ppm	■ 28	■ 27	---	---
Lead	ppm	■ <1	■ <1	---	---
Tin	ppm	■ 1	■ 1	---	---
Aluminum	ppm	■ <1	■ <1	---	---
Chromium	ppm	■ 6	■ 6	---	---
Molybdenum	ppm	■ 9	■ 12	---	---
Nickel	ppm	■ 4	■ 4	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 11	■ 11	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	■ 819	■ 733	---	---
Magnesium	ppm	■ 4	■ 3	---	---
Zinc	ppm	▲ 383	■ 342	---	---
Phosphorus	ppm	▲ 1336	▲ 1357	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	▲ 260	▲ 262	---	---

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: 10860692
Signed: Jonathan Hester
Report Date: 06 Feb 2024



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GRAPHS

