



CONSTRUCTION EQUIPMENT

635050 ALTA RENTS VOLVO A25G 752294 - DROP BOX



Sample No: VCP440367
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 635050 ALTA RENTS



SAMPLE INFORMATION

Sample Number	VCP440367	VCP354472	---	---
Sample Date	01 Dec 2023	15 Aug 2022	---	---
Machine Hours	1906	954	---	---
Oil Hours	0	1500	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ATTENTION	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	▲ 145	256	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 8	■ 7	---	---
Sodium	ppm	■ 5	■ 1	---	---
Potassium	ppm	■ 4	■ 0	---	---



WEAR METALS

Iron	ppm	■ 43	■ 26	---	---
Copper	ppm	■ <1	■ <1	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 0	■ 0	---	---
Aluminum	ppm	■ 4	■ 4	---	---
Chromium	ppm	■ <1	■ <1	---	---
Molybdenum	ppm	■ 5	■ 6	---	---
Nickel	ppm	■ 0	■ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 1	■ <1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	■ 308	■ 62	---	---
Magnesium	ppm	■ 0	■ 17	---	---
Zinc	ppm	■ 121	■ 50	---	---
Phosphorus	ppm	■ 1039	■ 1207	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 166	■ 220	---	---

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. Confirm oil type.

Depot: VOLVO0096
Unique No: 10777984
Signed: Don Baldrige
Report Date: 10 Dec 2023



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GRAPHS

