



CONSTRUCTION EQUIPMENT

RS0036629 VOLVO A30G 752053 - DROP BOX



Sample No: VCP430890
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: RS0036629



SAMPLE INFORMATION

Sample Number	VCP430890	VCP346900	---	---
Sample Date	09 Jan 2024	31 Jan 2022	---	---
Machine Hours	4956	2189	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ATTENTION	ATTENTION	---	---

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 PENSACOLA, FL
 US 32534
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 HDOBBS@COWIN.COM
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OIL CONDITION

Visc @ 40°C	cSt	▲ 50.6	▲ 59.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 28	■ 45	---	---
Sodium	ppm	■ 0	■ 8	---	---
Potassium	ppm	■ 5	■ <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. Confirm oil type.

WEAR METALS

Iron	ppm	■ 83	■ 59	---	---
Copper	ppm	■ 11	■ 1	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 1	■ 0	---	---
Aluminum	ppm	■ 27	■ 21	---	---
Chromium	ppm	■ <1	■ 1	---	---
Molybdenum	ppm	■ 8	■ 13	---	---
Nickel	ppm	■ 1	■ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ <1	■ 2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	■ 372	■ 63	---	---
Magnesium	ppm	■ 5	■ 0	---	---
Zinc	ppm	■ 433	■ 36	---	---
Phosphorus	ppm	■ 752	■ 1504	---	---
Barium	ppm	■ 3	■ 0	---	---
Boron	ppm	■ 130	■ 201	---	---

Depot: VOLV08247
Unique No: 10834525
Signed: Sean Felton
Report Date: 19 Jan 2024



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GRAPHS

