



CONSTRUCTION EQUIPMENT

702216 VOLVO A30G 753623 - FRONT AXLE



Sample No: VCP446162
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 702216



SAMPLE INFORMATION

Sample Number	VCP446162	---	---	---
Sample Date	17 Apr 2024	---	---	---
Machine Hours	749	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	● 96.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 4	---	---	---

Diagnosis

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	■ 318	---	---	---
Copper	ppm	■ 13	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 7	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 17	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 313	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 146	---	---	---
Phosphorus	ppm	1354	---	---	---
Barium	ppm	■ 3	---	---	---
Boron	ppm	■ 239	---	---	---

Depot: VOLVO0093
Unique No: 10991828
Signed: Don Baldrige
Report Date: 24 Apr 2024



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GRAPHS

