



CONSTRUCTION EQUIPMENT

702238 JMH VOLVO A30G 753625 - DROP BOX



Sample No: VCP446158
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 702238 JMH



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SAMPLE INFORMATION

Sample Number	VCP446158	---	---	---
Sample Date	17 Apr 2024	---	---	---
Machine Hours	746	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 49.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 13	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 4	---	---	---



WEAR METALS

Iron	ppm	■ 53	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 14	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 43	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 50	---	---	---
Phosphorus	ppm	■ 2358	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 203	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The oil viscosity is lower than normal. Confirm oil type.

Depot: VOLVO0093
Unique No: 10991850
Signed: Don Baldrige
Report Date: 24 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

