



CONSTRUCTION EQUIPMENT

VOLVO A45G FS 352634 - DROP BOX



Sample No: VCP436118
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP436118	---	---	---
Sample Date	05 Jan 2024	---	---	---
Machine Hours	2399	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	▲ 50.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 36	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 8	---	---	---



WEAR METALS

Iron	ppm	▲ 740	---	---	---
Copper	ppm	▲ 121	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 9	---	---	---
Molybdenum	ppm	■ 42	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 12	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 48	---	---	---
Magnesium	ppm	■ 6	---	---	---
Zinc	ppm	■ 250	---	---	---
Phosphorus	ppm	■ 2122	---	---	---
Barium	ppm	■ 9	---	---	---
Boron	ppm	■ 68	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or gear wear is indicated. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.

Depot: VOLVO0090
Unique No: 10820317
Signed: Jonathan Hester
Report Date: 10 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

