



CONSTRUCTION EQUIPMENT

VOLVO A45G 353251 - DROP BOX



Sample No: VCP436600
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



SAMPLE INFORMATION

Sample Number	VCP436600	---	---	---
Sample Date	25 Jan 2024	---	---	---
Machine Hours	3274	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	▲ 47.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 42	---	---	---
Sodium	ppm	■ 10	---	---	---
Potassium	ppm	■ 4	---	---	---



WEAR METALS

Iron	ppm	▲ 752	---	---	---
Copper	ppm	■ 21	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	■ 10	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 11	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 65	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 104	---	---	---
Phosphorus	ppm	2120	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 83	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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: VOLVO0090
Unique No: 10849958
Signed: Don Baldrige
Report Date: 31 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

