



CONSTRUCTION EQUIPMENT

VOLVO A45G 353273 - DROP BOX



Sample No: VCP421360
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP421360	---	---	---
Sample Date	24 Aug 2023	---	---	---
Machine Hours	1911	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	▲ 48.6	---	---	---
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CONTAMINATION

Silicon	ppm	■ 45	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 2	---	---	---

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	■ 58	---	---	---
Copper	ppm	■ 5	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 39	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 79	---	---	---
Phosphorus	ppm	2387	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 119	---	---	---

Depot: VOLVO0090
Unique No: 10629965
Signed: Don Baldrige
Report Date: 01 Sep 2023



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GRAPHS

