



CONSTRUCTION EQUIPMENT

633493 VOLVO A45G 353505 - REAR AXLE



Sample No: VCP432951
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 633493



SAMPLE INFORMATION

Sample Number	VCP432951	---	---	---
Sample Date	09 Nov 2023	---	---	---
Machine Hours	1583	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

ORANGE COUNTY SOLID WASTE
 5901 YOUNG PINE ROAD
 ORLANDO, FL
 US 32829
 Contact: MICHAEL BEEBE
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 T: (407)836-6652
 F: (407)836-6650



OIL CONDITION

Visc @ 40°C	cSt	▲ 54.1	---	---	---
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CONTAMINATION

Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 8	---	---	---

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	■ 193	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 10	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 118	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 56	---	---	---
Phosphorus	ppm	2300	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 241	---	---	---

Depot: ORAORL
Unique No: 10741668
Signed: Don Baldrige
Report Date: 16 Nov 2023



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GRAPHS

