



CONSTRUCTION EQUIPMENT

VOLVO A45G 353251 - REAR AXLE



Sample No: VCP421331
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

Sample Number	VCP421331	---	---	---
Sample Date	20 Jul 2023	---	---	---
Machine Hours	2242	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
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OIL CONDITION

Visc @ 40°C	cSt	▲ 52.0	---	---	---
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CONTAMINATION

Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 3	---	---	---
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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 136	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 73	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 18	---	---	---
Phosphorus	ppm	■ 2433	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 310	---	---	---

Depot: VOLVO0090
Unique No: 10578241
Signed: Don Baldrige
Report Date: 01 Aug 2023



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GRAPHS

