



CONSTRUCTION EQUIPMENT

42313 VOLVO A45G 752155 - REAR AXLE



Sample No: VCP439809
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 42313



SAMPLE INFORMATION

Sample Number	VCP439809	---	---	---
Sample Date	20 Jun 2024	---	---	---
Machine Hours	1121	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

LANDMARK CONSTRUCTION CO. INC./MEM
 3255 INDUSTRY DRIVE
 NORTH CHARLESTON, SC
 US 29418
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OIL CONDITION

Visc @ 40°C	cSt	▲ 53.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 6	---	---	---

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	■ 242	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 10	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 12	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 91	---	---	---
Magnesium	ppm	■ 1	---	---	---
Zinc	ppm	■ 51	---	---	---
Phosphorus	ppm	2811	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 299	---	---	---

Depot: LANNOR
Unique No: 11097134
Signed: Wes Davis
Report Date: 25 Jun 2024



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GRAPHS

