



CONSTRUCTION EQUIPMENT

VOLVO A45G 353418 - BOGIE/CENTER AXLE



Sample No: VCP433538
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP433538	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	997	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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

Visc @ 40°C	cSt	▲ 52.6	---	---	---
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CONTAMINATION

Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The oil viscosity is lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	■ 302	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 103	---	---	---
Magnesium	ppm	■ < 1	---	---	---
Zinc	ppm	■ 45	---	---	---
Phosphorus	ppm	■ 2060	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 291	---	---	---

Depot: VOLVO0090
Unique No: 10725306
Signed: Don Baldrige
Report Date: 04 Nov 2023



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GRAPHS

