



CONSTRUCTION EQUIPMENT

VOLVO A45G 342348 - REAR AXLE



Sample No: VCP420732
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP420732	---	---	---
Sample Date	30 Nov 2023	---	---	---
Machine Hours	4898	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

THE GW VAN KEPPEL COMPANY
 8233 WEST RENO
 OKLAHOMA CITY, OK
 US 73127
 Contact: ZACHARY BOWDISH
 zbowdish@vankeppel.com
 T: (405)495-0606
 F: (405)495-7603



OIL CONDITION

Visc @ 40°C	cSt	█ 148	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 76	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 0	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 16	---	---	---
Phosphorus	ppm	█ 1891	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 146	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.
 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.

Depot: VOLVO0052
Unique No: 10769953
Signed: Wes Davis
Report Date: 06 Dec 2023



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GRAPHS

