



CONSTRUCTION EQUIPMENT

VOLVO A45G 353298 - REAR AXLE



Sample No: VCP409171
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP409171	---	---	---
Sample Date	18 Sep 2023	---	---	---
Machine Hours	1722	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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 318 N 14TH ST
 BELLEVUE, IA
 US 52031
 Contact: STEVE DUNN
 DUNNCONSTRUCTINC@GMAIL.COM
 T:
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OIL CONDITION

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

Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 7	---	---	---

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	■ 429	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	■ 9	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 11	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 182	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 64	---	---	---
Phosphorus	ppm	■ 2278	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 268	---	---	---

Depot: DUNBEL
Unique No: 10702400
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

