



CONSTRUCTION EQUIPMENT

SPM579699 VOLVO A25G 752583 - FRONT AXLE



Sample No: VCP419519
Oil Type: GEAR OIL SAE 80W90
Job No: SPM579699



SAMPLE INFORMATION

Sample Number	VCP419519	---	---	---
Sample Date	21 Jul 2023	---	---	---
Machine Hours	2080	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	▲ 84.3	---	---	---
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CONTAMINATION

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

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	■ 203	---	---	---
Copper	ppm	■ 30	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 5	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 8	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 814	---	---	---
Magnesium	ppm	■ 7	---	---	---
Zinc	ppm	■ 337	---	---	---
Phosphorus	ppm	■ 1193	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 241	---	---	---

Depot: VOLVO8885
Unique No: 10586793
Signed: Don Baldrige
Report Date: 04 Aug 2023



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GRAPHS

