



CONSTRUCTION EQUIPMENT

SW25685 VOLVO A45G 352883 - DROP BOX



Sample No: VCP442159
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW25685



SAMPLE INFORMATION

Sample Number	VCP442159	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	2067	---	---	---
Oil Hours	2067	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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 2975 WEST 2100 SOUTH
 SALT LAKE CITY, UT
 US 84119
 Contact: JUSTIN BENCH
 JUSTIN.BENCH@ARNOLDMACHINERY.COM
 T: (801)698-5639
 F: (801)975-9434



OIL CONDITION

Visc @ 40°C	cSt	▲ 47.0	---	---	---
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CONTAMINATION

Silicon	ppm	■ 32	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 2	---	---	---



WEAR METALS

Iron	ppm	■ 294	---	---	---
Copper	ppm	■ 11	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 13	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 12	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 68	---	---	---
Phosphorus	ppm	■ 1842	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 114	---	---	---

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. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8770
Unique No: 10714516
Signed: Sean Felton
Report Date: 31 Oct 2023



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GRAPHS

