



CONSTRUCTION EQUIPMENT

SPM621972 VOLVO A25G 752521 - DROP BOX



Sample No: VCP429062
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621972



SAMPLE INFORMATION

Sample Number	VCP429062	---	---	---
Sample Date	13 Dec 2023	---	---	---
Machine Hours	3895	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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	▲ 74.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 19	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---



WEAR METALS

Iron	ppm	▲ 836	---	---	---
Copper	ppm	■ 8	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 8	---	---	---
Chromium	ppm	▲ 20	---	---	---
Molybdenum	ppm	■ 28	---	---	---
Nickel	ppm	■ 6	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 17	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 1670	---	---	---
Magnesium	ppm	■ 338	---	---	---
Zinc	ppm	■ 920	---	---	---
Phosphorus	ppm	■ 1094	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 62	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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.

Depot: VOLVO8885
Unique No: 10883433
Signed: Don Baldrige
Report Date: 17 Feb 2024



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GRAPHS

