



CONSTRUCTION EQUIPMENT

SPM697543-10 VOLVO A45G 352374 - DROP BOX



Sample No: VCP422312
Oil Type: GEAR OIL SAE 80
Job No: SPM697543-10



SAMPLE INFORMATION

Sample Number	VCP422312	---	---	---
Sample Date	06 Jan 2024	---	---	---
Machine Hours	4085	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256
Contact: SHAWN NORTHCRAFT
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OIL CONDITION

Visc @ 40°C	cSt	█ 60.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 50	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 287	---	---	---
Copper	ppm	█ 21	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 6	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 17	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 131	---	---	---
Phosphorus	ppm	█ 1876	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 106	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The wear metal levels do not reflect the reported failure. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0092
Unique No: 10822935
Signed: Doug Bogart
Report Date: 11 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

