



CONSTRUCTION EQUIPMENT

W0713596-1 STANLEY VOLVO A45G 342672 - DROP BOX



Sample No: VCP409360
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: W0713596-1 STANLEY



SAMPLE INFORMATION

Sample Number	VCP409360	VCP351046	---	---
Sample Date	06 Oct 2023	10 Nov 2022	---	---
Machine Hours	5818	4380	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

McClung-Logan Virginia LLC- RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
 KRATLIFFE@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	▲ 238.5	■ 46.6	---	---
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CONTAMINATION

Silicon	ppm	■ 11	■ 37	---	---
Sodium	ppm	■ <1	■ 8	---	---
Potassium	ppm	■ 2	■ 3	---	---



WEAR METALS

Iron	ppm	▲ 653	▲ 873	---	---
Copper	ppm	■ 8	■ 16	---	---
Lead	ppm	■ <1	■ 0	---	---
Tin	ppm	■ 0	■ 0	---	---
Aluminum	ppm	■ 10	■ 17	---	---
Chromium	ppm	■ 9	■ 8	---	---
Molybdenum	ppm	■ 12	11	---	---
Nickel	ppm	■ 5	■ 5	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 8	13	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	▲ 30	36	---	---
Magnesium	ppm	■ 2	5	---	---
Zinc	ppm	▲ 47	123	---	---
Phosphorus	ppm	▲ 1159	1711	---	---
Barium	ppm	■ 0	0	---	---
Boron	ppm	■ 136	112	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 higher than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO8882
Unique No: 10695812
Signed: Jonathan Hester
Report Date: 19 Oct 2023



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GRAPHS

