



CONSTRUCTION EQUIPMENT

W07013408-1 VOLVO A40G 340439 - FRONT AXLE



Sample No: VCP409493
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: W07013408-1



SAMPLE INFORMATION

Sample Number	VCP409493	---	---	---
Sample Date	25 Oct 2023	---	---	---
Machine Hours	4966	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

MCCLUNG-LOGAN EQUIPMENT CO - 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	█ 51.1	---	---	---
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CONTAMINATION

Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 157	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 38	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	█ 10	---	---	---
Phosphorus	ppm	█ 2185	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 266	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. High concentration of visible metal present. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8882
Unique No: 10715879
Signed: Don Baldrige
Report Date: 01 Nov 2023



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GRAPHS

