



CONSTRUCTION EQUIPMENT

VOLVO A45G 352357 - DROP BOX



Sample No: VCP427082
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No:



SAMPLE INFORMATION

Sample Number	VCP427082	---	---	---
Sample Date	07 Aug 2023	---	---	---
Machine Hours	4076	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

McClung-Logan Virginia LLC
 PO BOX 1158
 WISE, VA
 US 24293
 Contact: TOMMY STANLEY
 tstanley@mcclung-logan.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	■ 49.9	---	---	---
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CONTAMINATION

Silicon	ppm	■ 42	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 1	---	---	---

WEAR METALS

Iron	ppm	▲ 887	---	---	---
Copper	ppm	■ 12	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 7	---	---	---
Molybdenum	ppm	■ 12	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 12	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 55	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 93	---	---	---
Phosphorus	ppm	■ 1793	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 76	---	---	---

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. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8881
Unique No: 10604479
Signed: Sean Felton
Report Date: 15 Aug 2023



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GRAPHS

