



CONSTRUCTION EQUIPMENT

W07011289-1 VOLVO A40G 341458 - FRONT RIGHT FINAL DRIVE



Sample No: VCP399855
Oil Type: NOT GIVEN
Job No: W07011289-1



SAMPLE INFORMATION

Sample Number	VCP399855	---	---	---
Sample Date	23 Feb 2023	---	---	---
Machine Hours	6947	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	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	■ 43.4	---	---	---
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CONTAMINATION

Silicon	ppm	■ 18	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 56	---	---	---
Copper	ppm	▲ 323	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	■ 0	---	---	---



ADDITIVES

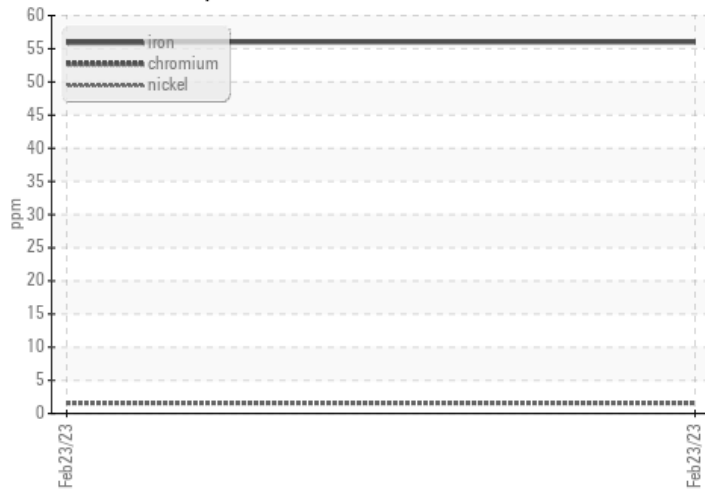
Calcium	ppm	■ 4034	---	---	---
Magnesium	ppm	■ 16	---	---	---
Zinc	ppm	■ 1563	---	---	---
Phosphorus	ppm	■ 1205	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 150	---	---	---

Depot: VOLVO8882
Unique No: 10351056
Signed: Angela Borella
Report Date: 27 Feb 2023

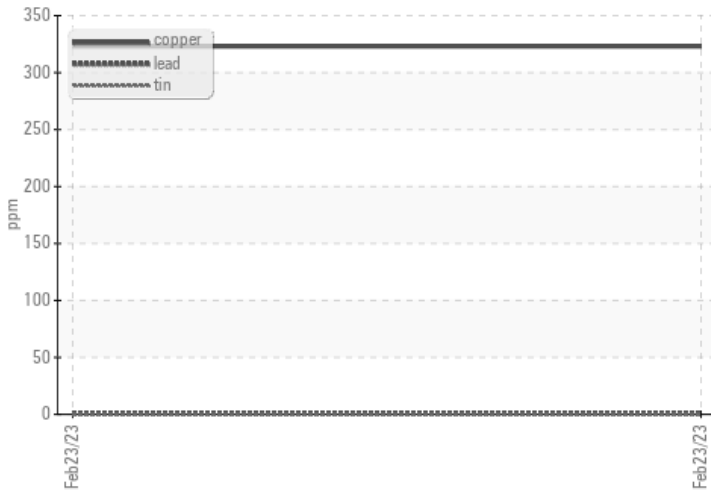


GRAPHS

Ferrous Alloys



▲ Non-ferrous Metals



Viscosity @ 40°C

