



CONSTRUCTION EQUIPMENT

W07013414-1 VOLVO A35G 340230 - FRONT AXLE



Sample No: VCP415419
Oil Type: GEAR OIL SAE 75W90
Job No: W07013414-1



SAMPLE INFORMATION

Sample Number	VCP415419	---	---	---
Sample Date	20 Sep 2023	---	---	---
Machine Hours	5148	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
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	■ 55.5	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All 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	■ 116	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 9	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	■ 0	---	---	---



ADDITIVES

Calcium	ppm	■ 538	---	---	---
Magnesium	ppm	■ 6	---	---	---
Zinc	ppm	■ 275	---	---	---
Phosphorus	ppm	■ 1789	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 169	---	---	---

Depot: VOLVO8882
Unique No: 10661394
Signed: Don Baldridge
Report Date: 26 Sep 2023

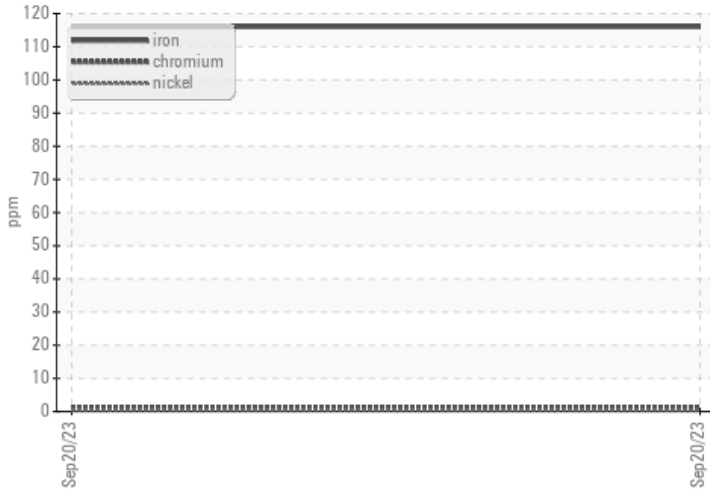


CONSTRUCTION EQUIPMENT

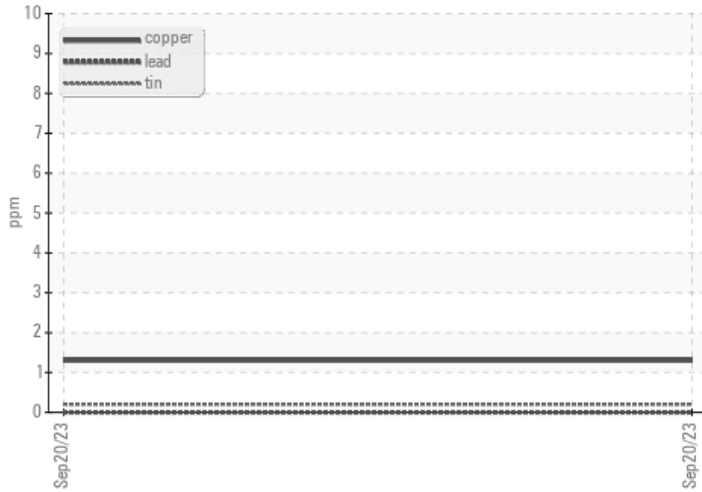


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

