



CONSTRUCTION EQUIPMENT

W07012289-1 VOLVO A40G 341458 - REAR RIGHT FINAL DRIVE



Sample No: VCP399835
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: W07012289-1



SAMPLE INFORMATION

Sample Number	VCP399835	---	---	---
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	■ 40.8	---	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	■ 58	---	---	---
Copper	ppm	▲ 316	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	■ 0	---	---	---



ADDITIVES

Calcium	ppm	■ 4015	---	---	---
Magnesium	ppm	■ 16	---	---	---
Zinc	ppm	■ 1537	---	---	---
Phosphorus	ppm	■ 1189	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	■ 146	---	---	---

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.

Depot: VOLVO8882
Unique No: 10351079
Signed: Angela Borella
Report Date: 27 Feb 2023

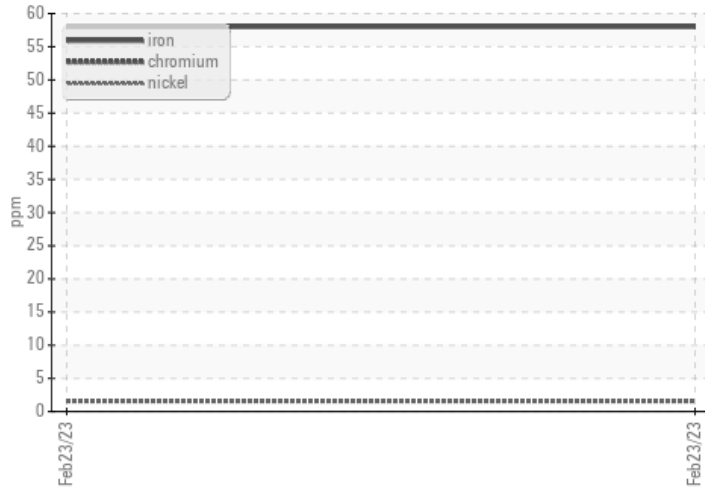


CONSTRUCTION EQUIPMENT



GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

