



CONSTRUCTION EQUIPMENT

VOLVO A45G 352344 - BRAKE COOLING SYSTEM



Sample No: VCP0008175
Oil Type: VOLVO WET BRAKE TRANSAXLE OIL
Job No:



SAMPLE INFORMATION

Sample Number	VCP0008175	---	---	---
Sample Date	19 Jun 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: SHAWN NORTHCRAFT
 shawn.northcraft@altg.com
 T: (904)737-6000
 F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	■ 52.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 17	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 2	---	---	---



WEAR METALS

Iron	ppm	■ 29	---	---	---
Copper	ppm	▲ 230	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 7	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 2967	---	---	---
Magnesium	ppm	■ 9	---	---	---
Zinc	ppm	■ 1376	---	---	---
Phosphorus	ppm	■ 1283	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 98	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0092
Unique No: 11100859
Signed: Don Baldrige
Report Date: 29 Jun 2024

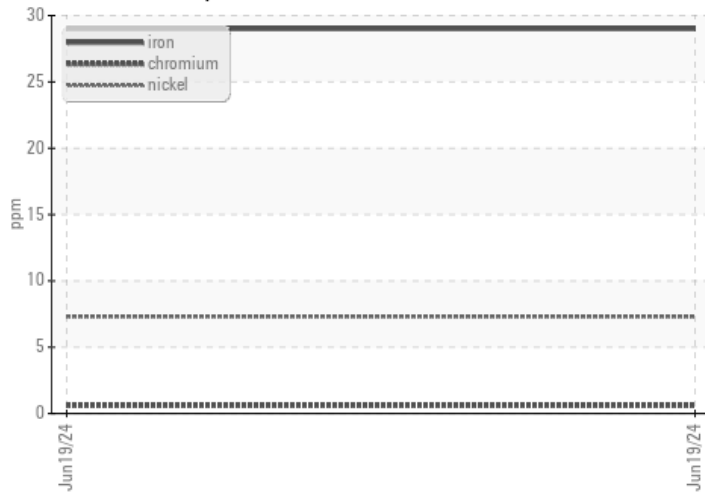


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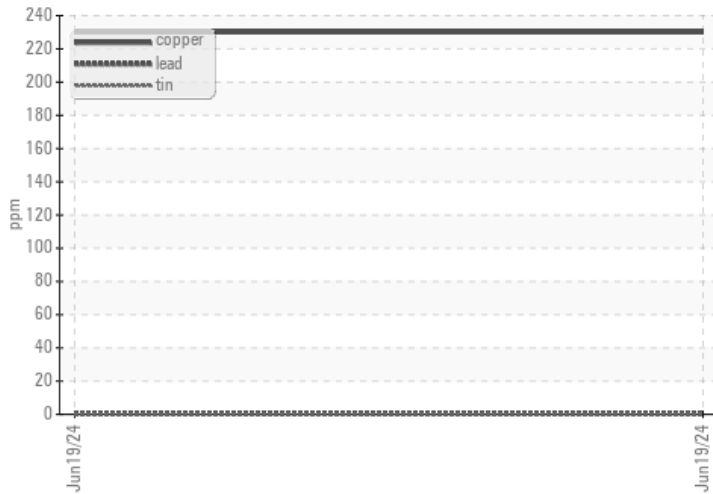


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

