



CONSTRUCTION EQUIPMENT

VOLVO A45G 342727 - BRAKE COOLING SYSTEM



Sample No: VCP0008466

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008466	---	---	---
Sample Date	27 Jun 2024	---	---	---
Machine Hours	3922	---	---	---
Oil Hours	3922	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: TECHNICIAN ACCOUNT
 catherine.anastasio@wearcheck.com
 T:
 F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	█ 41.0	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 44	---	---	---
Copper	ppm	▲ 262	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3371	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	1391	---	---	---
Phosphorus	ppm	1281	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	106	---	---	---

Diagnosis

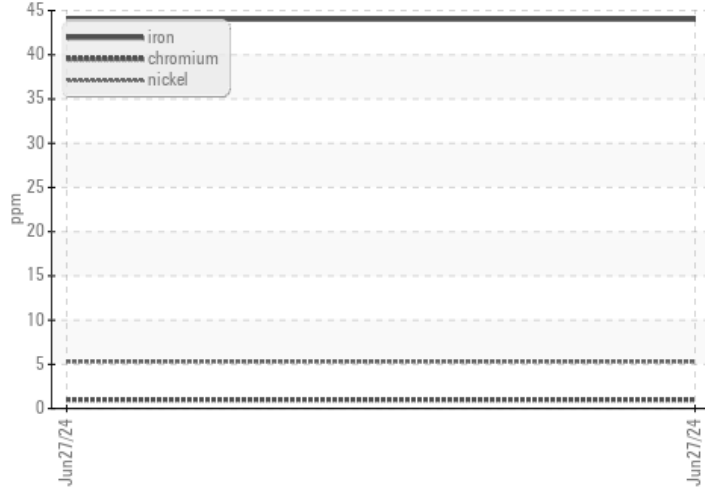
No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0092
Unique No: 11111466
Signed: Don Baldrige
Report Date: 07 Jul 2024



GRAPHS

Ferrous Alloys



▲ Non-ferrous Metals



Viscosity @ 40°C

