



CONSTRUCTION EQUIPMENT

VOLVO A45G 35231 - HYDRAULIC SYSTEM



Sample No: VCP0008484

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008484	---	---	---
Sample Date	27 Jun 2024	---	---	---
Machine Hours	8101	---	---	---
Oil Hours	8101	---	---	---
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	■ 42.8	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.55	---	---	---



CONTAMINATION

Water	%	▲ 0.398	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Appearance is milky. Moderate concentration of visible dirt/debris present in the oil. There is a light concentration of water present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 11	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	67	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	429	---	---	---
Phosphorus	ppm	345	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO0092
Unique No: 11110832
Signed: Don Baldrige
Report Date: 06 Jul 2024

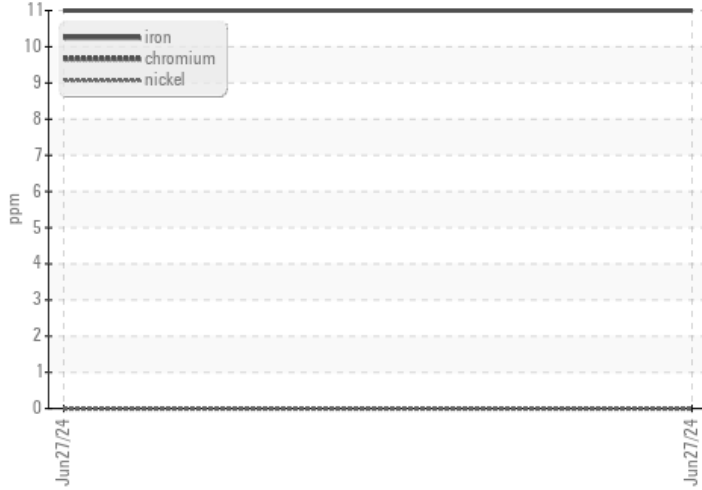


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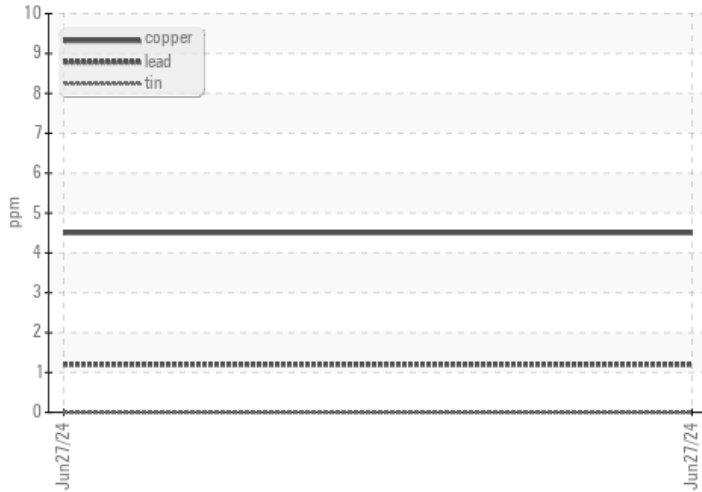


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

