



CONSTRUCTION EQUIPMENT

VOLVO L70G L70G 2307 - HYDRAULIC SYSTEM



Sample No: VCP0008028

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP0008028	---	---	---
Sample Date	18 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: TECHNICIAN ACCOUNT
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T:

F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	■ 42.8	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.88	---	---	---



CONTAMINATION

Particles >4µm		▲ 29980	---	---	---
Particles >6µm		▲ 6514	---	---	---
Particles >14µm		■ 92	---	---	---
ISO 4406:1999 (c)		22/20/14	---	---	---
Silicon	ppm	■ 15	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



WEAR METALS

Iron	ppm	■ 3	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	3336	---	---	---
Magnesium	ppm	18	---	---	---
Zinc	ppm	1333	---	---	---
Phosphorus	ppm	1046	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	115	---	---	---

Depot: VOLVO0092

Unique No: 10616081

Signed: Wes Davis

Report Date: 23 Aug 2023

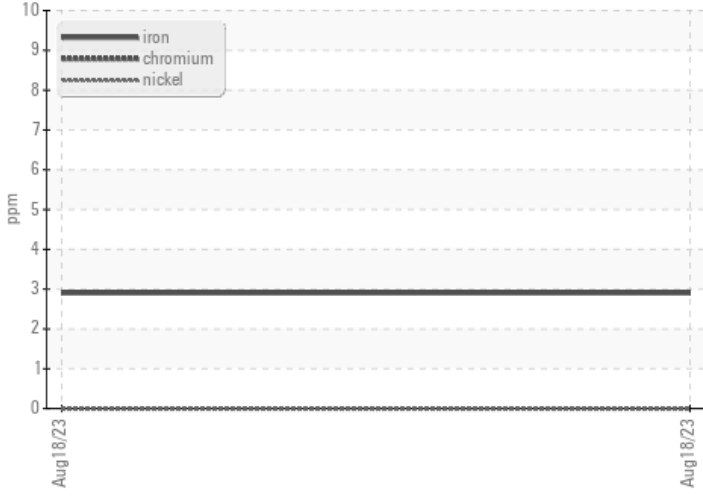


CONSTRUCTION EQUIPMENT

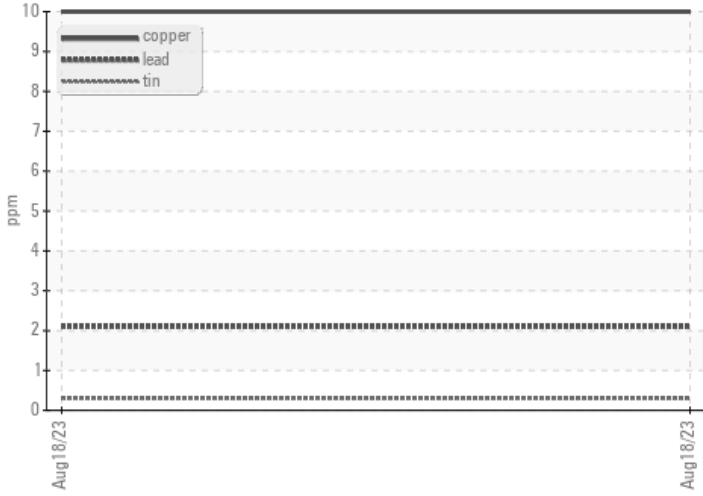


VOLVO GRAPHS

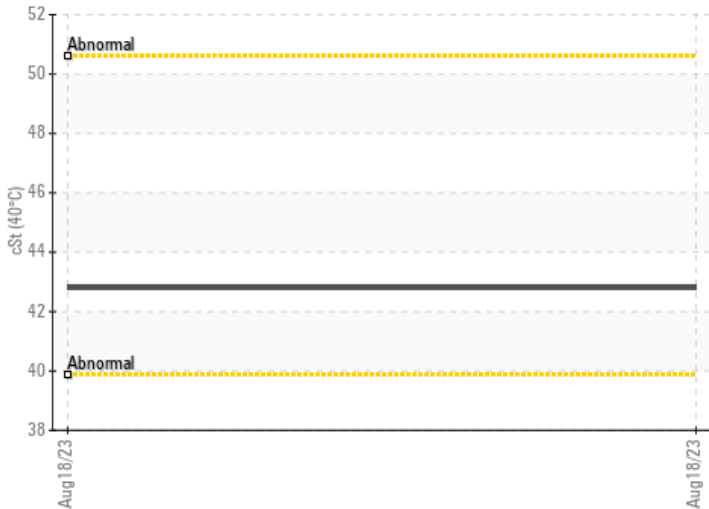
Ferrous Alloys



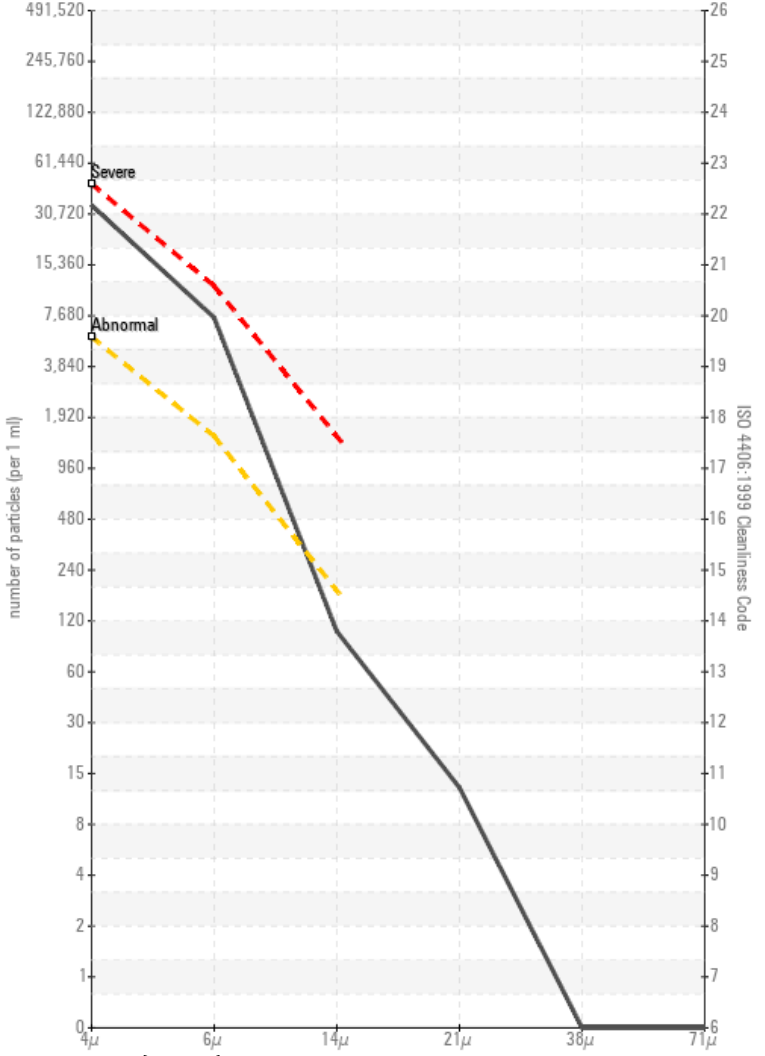
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

