



CONSTRUCTION EQUIPMENT

VOLVO L70H 624221 - HYDRAULIC SYSTEM



Sample No: VCP416571

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP416571	---	---	---
Sample Date	01 Jun 2023	---	---	---
Machine Hours	5012	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---



ROMCO INC MAIN

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OIL CONDITION

Visc @ 40°C	cSt	█ 46.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.42	---	---	---



CONTAMINATION

Particles >4µm		▲ 5504	---	---	---
Particles >6µm		▲ 1647	---	---	---
Particles >14µm		█ 119	---	---	---
ISO 4406:1999 (c)		20/18/14	---	---	---
Silicon	ppm	█ 0	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

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



ADDITIVES

Calcium	ppm	59	---	---	---
Magnesium	ppm	17	---	---	---
Zinc	ppm	405	---	---	---
Phosphorus	ppm	314	---	---	---
Barium	ppm	14	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO0170
Unique No: 10538290
Signed: Wes Davis
Report Date: 03 Jul 2023

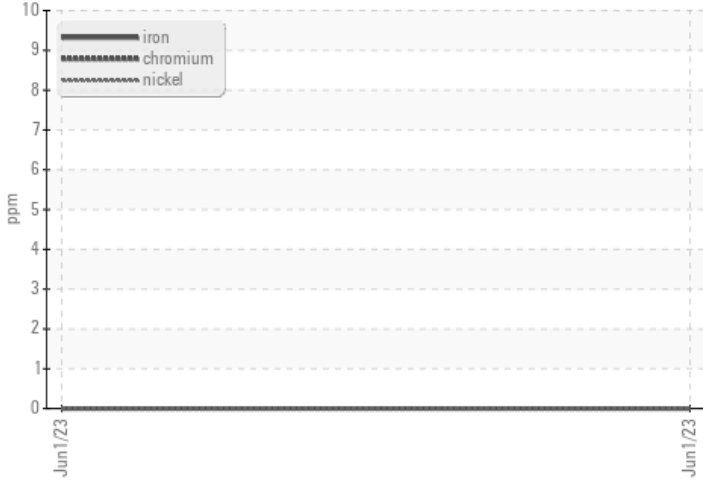


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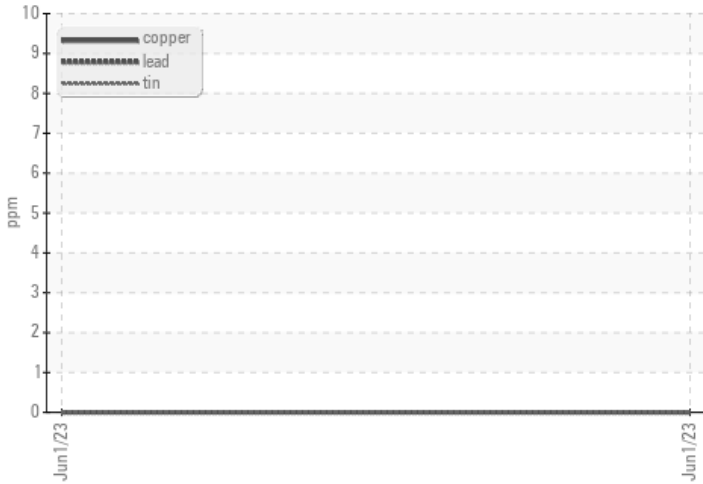


VOLVO GRAPHS

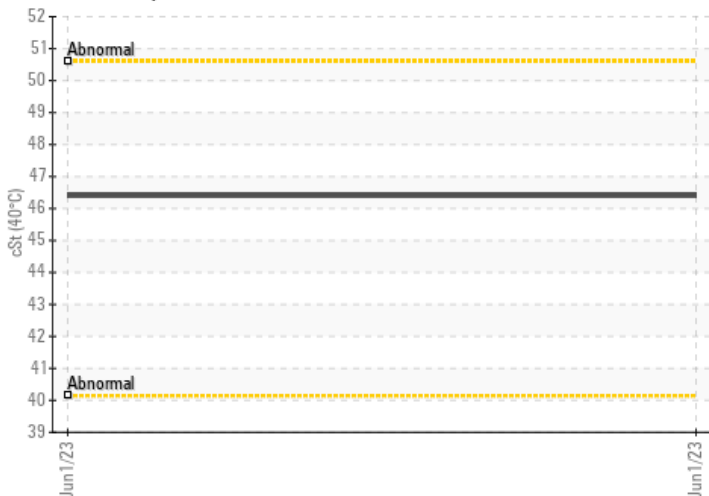
Ferrous Alloys



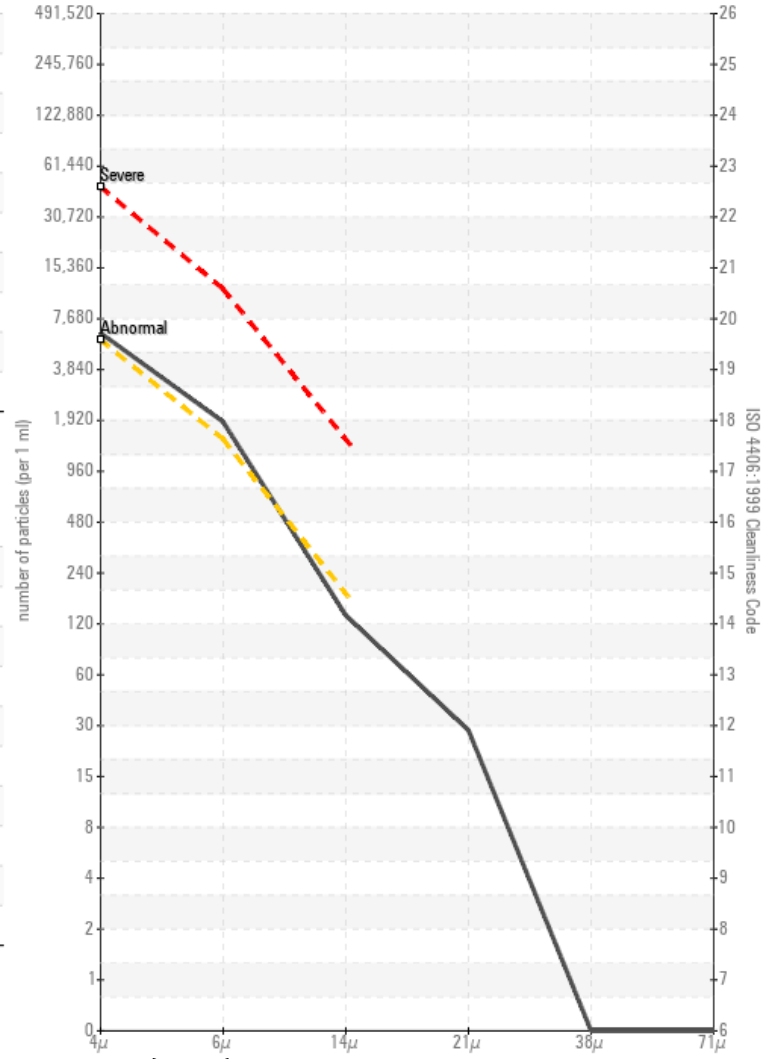
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

