



CONSTRUCTION EQUIPMENT

358636 VOLVO L110H 10566 - HYDRAULIC SYSTEM



Sample No: VCP353427
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 358636



SAMPLE INFORMATION

Sample Number	VCP353427	---	---	---
Sample Date	14 Mar 2023	---	---	---
Machine Hours	6485	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

Strongco Equipment
 5179 Fountain St N.
 Breslau, ON
 CA N0B 1M0
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 F: (519)744-3284

OIL CONDITION

Visc @ 40°C	cSt	■ 39.8	---	---	---
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CONTAMINATION

Particles >4µm		7328	---	---	---
Particles >6µm		■ 1986	---	---	---
Particles >14µm		▲ 100	---	---	---
ISO 4406:1999 (c)		20/18/14	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	■ 6	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 81	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 446	---	---	---
Phosphorus	ppm	■ 378	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ <1	---	---	---

Depot: CASKIT
Unique No: 5553982
Signed: Wes Davis
Report Date: 03 Apr 2023

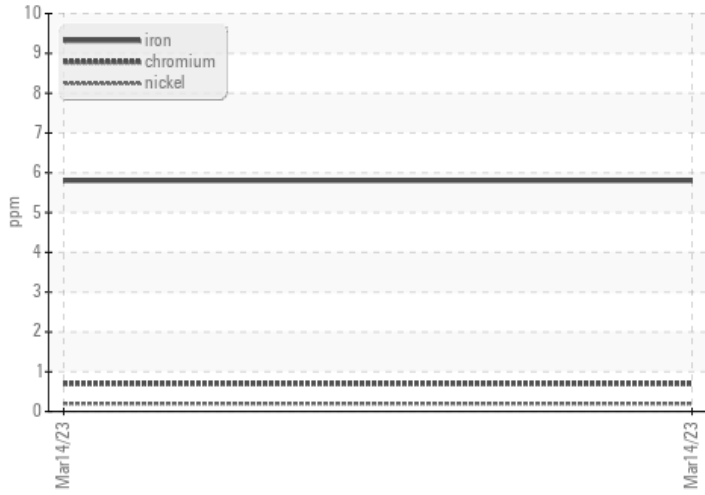


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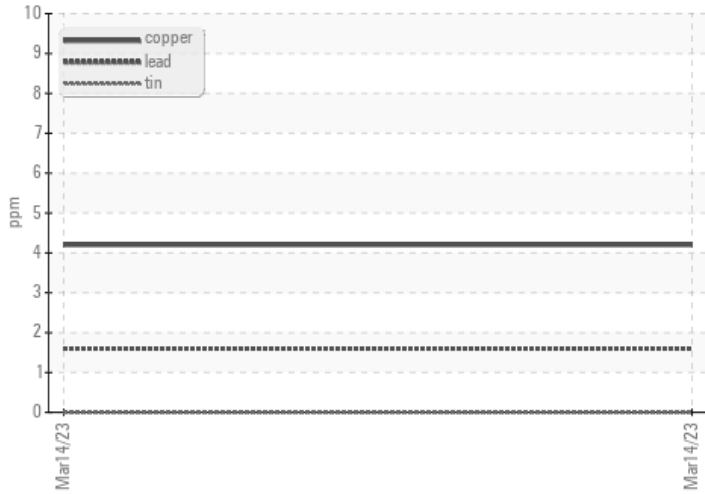


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

