



CONSTRUCTION EQUIPMENT

347504 VOLVO L120H 632927 - HYDRAULIC SYSTEM



Sample No: VCP352955
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 347504



SAMPLE INFORMATION

Sample Number	VCP352955	---	---	---
Sample Date	07 Dec 2022	---	---	---
Machine Hours	4258	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
 Contact: Perry Doyle
 pdoyle@strongco.com
 T: (403)391-3520
 F: (403)346-3487



OIL CONDITION

Visc @ 40°C	cSt	■ 39.5	---	---	---
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CONTAMINATION

Water	%	■ NEG	---	---	---
Particles >4µm		● 6297	---	---	---
Particles >6µm		● 1306	---	---	---
Particles >14µm		■ 48	---	---	---
ISO 4406:1999 (c)		20/18/13	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 1	---	---	---
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	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 69	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 421	---	---	---
Phosphorus	ppm	■ 371	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ <1	---	---	---

Depot: VOLVO9652
Unique No: 5501681
Signed: Wes Davis
Report Date: 15 Dec 2022

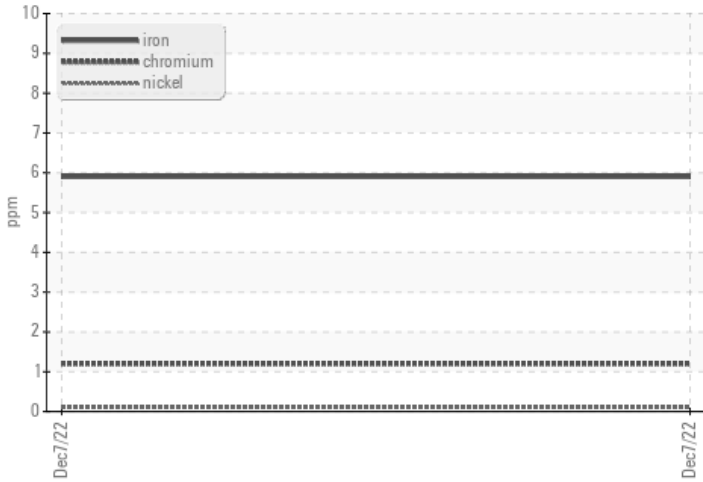


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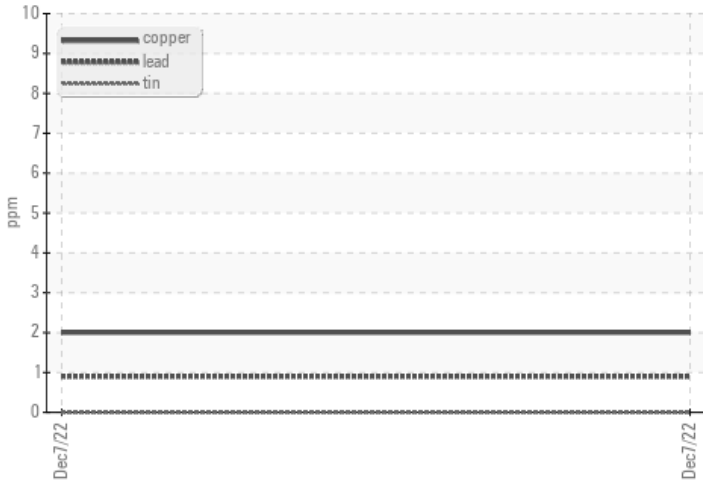


GRAPHS

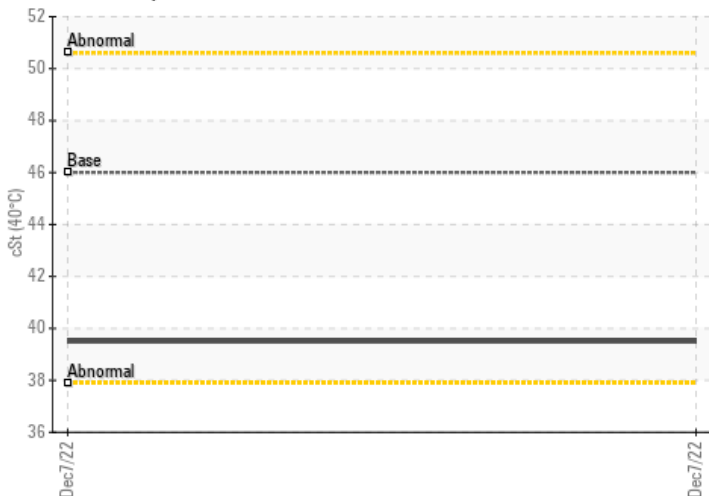
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

