



CONSTRUCTION EQUIPMENT

WESFINCH 8-371253 VOLVO L120H 632979 - HYDRAULIC SYSTEM



Sample No: VCP392257
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 8-371253



SAMPLE INFORMATION

Sample Number	VCP392257	---	---	---
Sample Date	10 Jul 2023	---	---	---
Machine Hours	4018	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
 MISSISSAUGA, ON
 CA L4W 4L4

Contact: Janice Cripps
 jcripps@strongco.com
 T: (905)565-3876
 F: (905)670-2338



OIL CONDITION

Visc @ 40°C	cSt	█ 41.1	---	---	---
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CONTAMINATION

Particles >4µm		▲ 7038	---	---	---
Particles >6µm		▲ 2217	---	---	---
Particles >14µm		▲ 234	---	---	---
ISO 4406:1999 (c)		20/18/15	---	---	---
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. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm.

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	█ 7	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 52	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 429	---	---	---
Phosphorus	ppm	█ 363	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ <1	---	---	---

Depot: SHEMIS
Unique No: 5615992
Signed: Wes Davis
Report Date: 20 Jul 2023

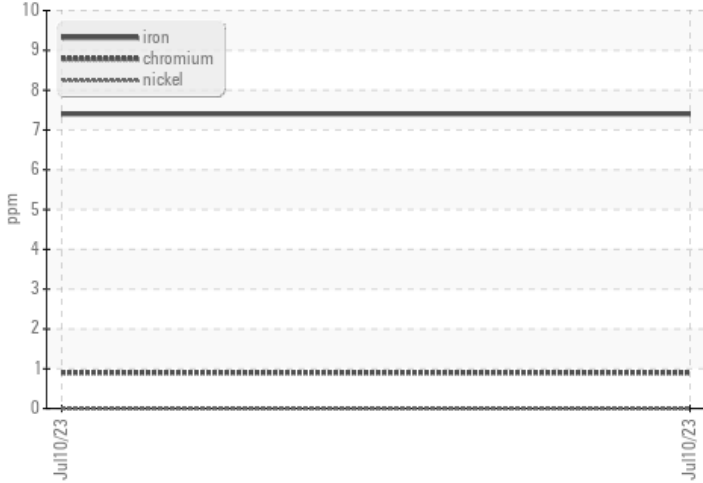


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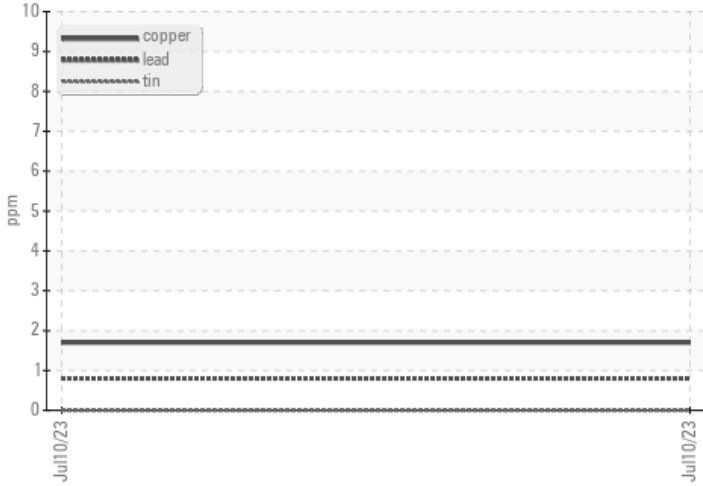


VOLVO GRAPHS

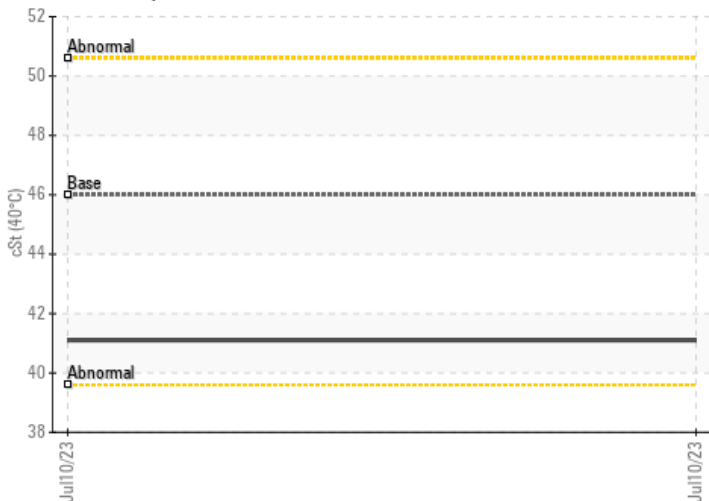
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

