



CONSTRUCTION EQUIPMENT

LAKESIDE 8-391800 VOLVO L70H 622335 - HYDRAULIC SYSTEM



Sample No: VCP449238
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: 8-391800



SAMPLE INFORMATION

Sample Number	VCP449238	---	---	---
Sample Date	08 Feb 2024	---	---	---
Machine Hours	3982	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
MISSISSAUGA, ON
CA L4W 4L4

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OIL CONDITION

Visc @ 40°C	cSt	█ 41.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 24743	---	---	---
Particles >6µm		█ 802	---	---	---
Particles >14µm		█ 36	---	---	---
ISO 4406:1999 (c)		22/17/12	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

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. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 75	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 421	---	---	---
Phosphorus	ppm	█ 347	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ <1	---	---	---

Depot: SHEMIS
Unique No: 5724145
Signed: Wes Davis
Report Date: 13 Feb 2024

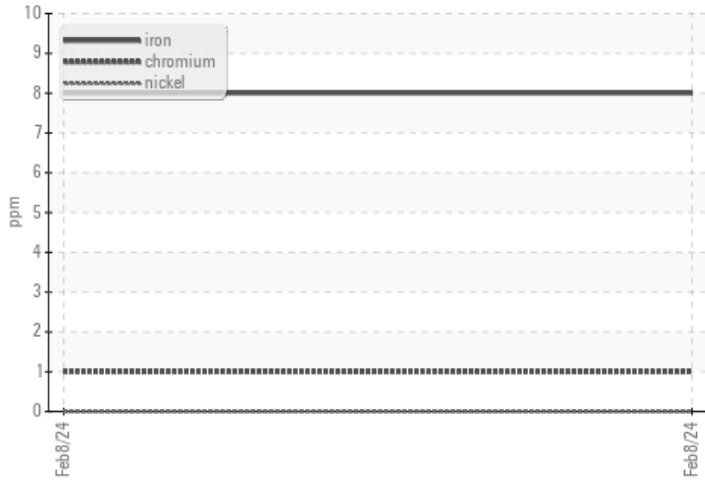


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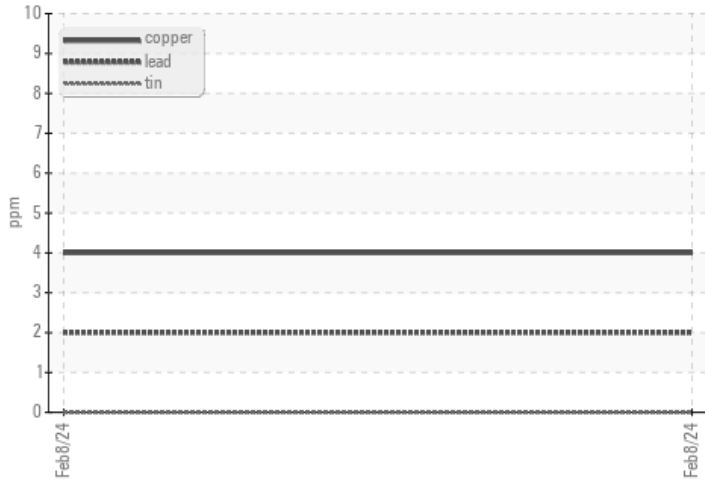


VOLVO GRAPHS

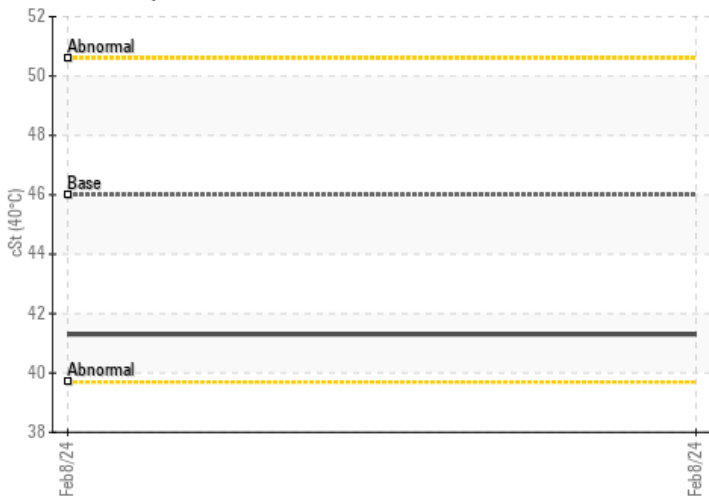
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

