



# CONSTRUCTION EQUIPMENT

GFL ENVIRONMENTAL INC 394234 VOLVO L70H 622343 - HYDRAULIC SYSTEM



**Sample No:** VCP448184  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 394234



## SAMPLE INFORMATION

Sample Number	VCP448184	VCP380256	---	---
Sample Date	12 Feb 2024	21 Aug 2023	---	---
Machine Hours	13311	12401	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ATTENTION	NORMAL	---	---

### STRONGCO EQUIPMENT (CE)

1051 Heritage Rd.  
Burlington, ON  
CA L7L 4Y1  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 47.2	█ 40.7	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		█ 7249	█ 260	---	---
Particles >6µm		█ 2063	█ 46	---	---
Particles >14µm		▲ 117	█ 4	---	---
ISO 4406:1999 (c)		20/18/14	15/13/9	---	---
Silicon	ppm	█ 2	█ 5	---	---
Sodium	ppm	█ 2	█ 8	---	---
Potassium	ppm	█ <1	█ 1	---	---

### Diagnosis

We recommend you service the filters on this component. 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	█ 3	█ 8	---	---
Copper	ppm	█ 1	█ 3	---	---
Lead	ppm	█ <1	█ 1	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ 0	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 10	█ 0	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 0	█ 0	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	█ 225	█ 59	---	---
Magnesium	ppm	█ 170	█ <1	---	---
Zinc	ppm	█ 553	█ 452	---	---
Phosphorus	ppm	█ 464	█ 378	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ <1	█ <1	---	---

**Depot:** VOLVO0252  
**Unique No:** 5724488  
**Signed:** Wes Davis  
**Report Date:** 14 Feb 2024

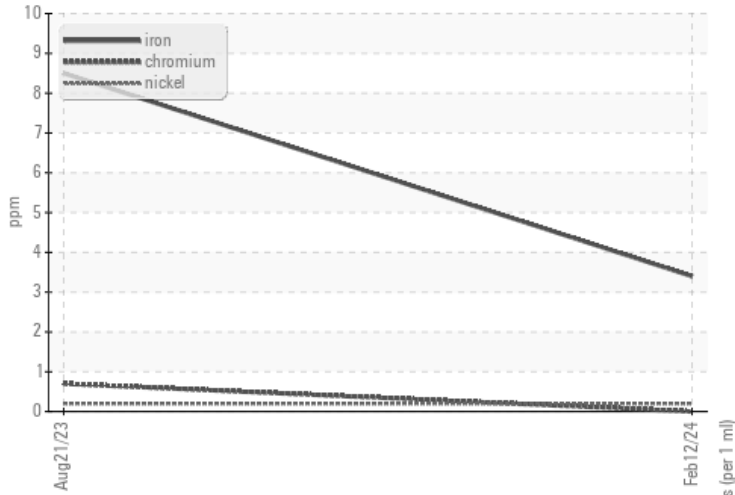


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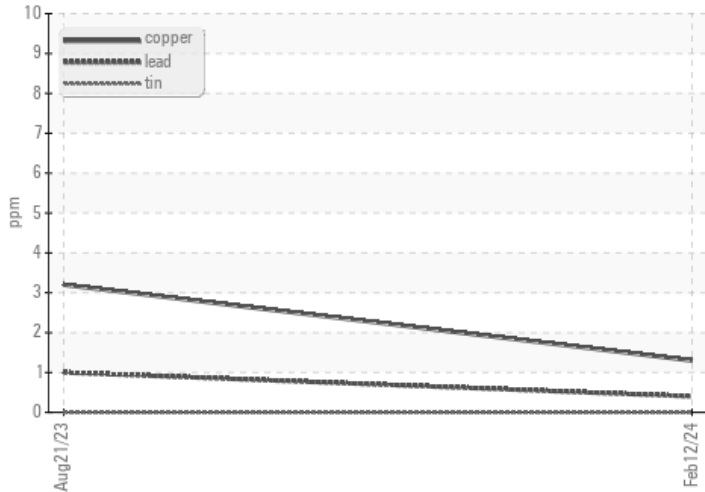


## VOLVO GRAPHS

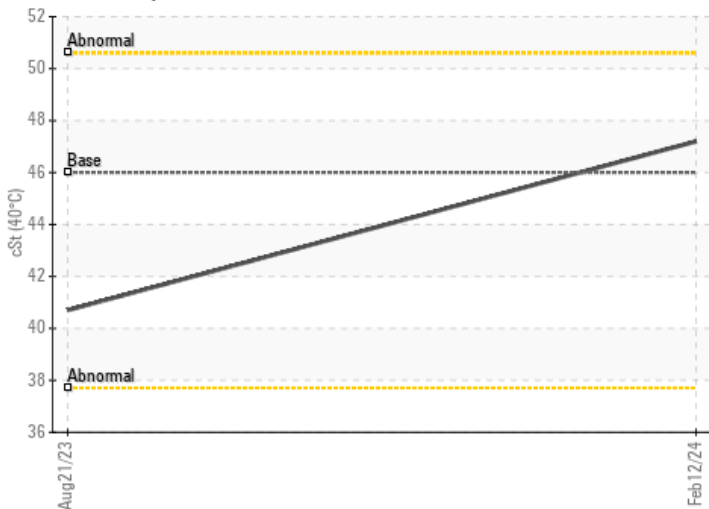
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count

