



# CONSTRUCTION EQUIPMENT

LAFARGE HAMILTON 391698 VOLVO L260H 1324 - HYDRAULIC SYSTEM



**Sample No:** VCP392080  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 391698



## SAMPLE INFORMATION

Sample Number	VCP392080	---	---	---
Sample Date	16 Jan 2024	---	---	---
Machine Hours	2117	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

### STRONGCO EQUIPMENT (CE)

1051 Heritage Rd.  
 Burlington, ON  
 CA L7L 4Y1  
 Contact: C. Carter  
 ccarter@strongco.com  
 T:  
 F: (905)643-6077



## OIL CONDITION

Visc @ 40°C	cSt	█ 41.8	---	---	---
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## CONTAMINATION

Water	%	█ 0.007	---	---	---
Particles >4µm		▲ 28960	---	---	---
Particles >6µm		▲ 2568	---	---	---
Particles >14µm		█ 98	---	---	---
ISO 4406:1999 (c)		22/19/14	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---

### Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



## WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
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	█ 56	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 409	---	---	---
Phosphorus	ppm	█ 336	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

**Depot:** VOLVO0252  
**Unique No:** 5710506  
**Signed:** Wes Davis  
**Report Date:** 19 Jan 2024

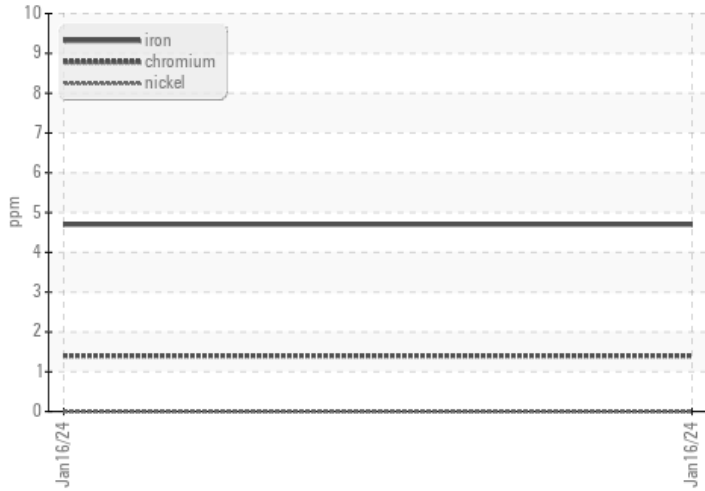


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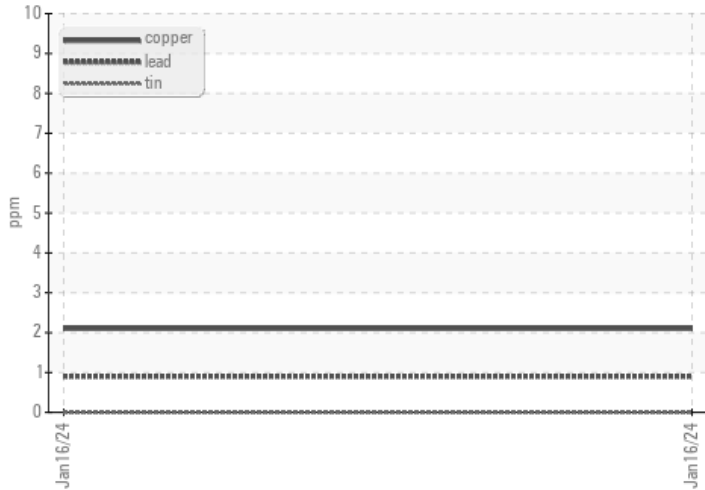


## VOLVO GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count

