



# CONSTRUCTION EQUIPMENT

## 362976 VOLVO L120H 632718 - HYDRAULIC SYSTEM



**Sample No:** VCP391973  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 362976



### SAMPLE INFORMATION

Sample Number	VCP391973	VCP331772	---	---
Sample Date	24 Apr 2023	31 Aug 2022	---	---
Machine Hours	8229	4837	---	---
Oil Hours	0	4837	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ATTENTION	NORMAL	---	---

### STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL  
 RED DEER COUNTY, AB  
 CA T4S 2L4  
 Contact: Perry Doyle  
 pdoyle@strongco.com  
 T: (403)346-3473  
 F: (403)346-3487



### OIL CONDITION

Visc @ 40°C	cSt	41.7	41.5	---	---
-------------	-----	------	------	-----	-----



### CONTAMINATION

Particles >4µm		4636	4510	---	---
Particles >6µm		1596	1054	---	---
Particles >14µm		187	40	---	---
ISO 4406:1999 (c)		19/18/15	19/17/12	---	---
Silicon	ppm	5	6	---	---
Sodium	ppm	1	1	---	---
Potassium	ppm	<1	<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	7	---	---
Copper	ppm	1	2	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



### ADDITIVES

Calcium	ppm	116	103	---	---
Magnesium	ppm	2	4	---	---
Zinc	ppm	434	412	---	---
Phosphorus	ppm	368	332	---	---
Barium	ppm	0	0	---	---
Boron	ppm	2	2	---	---

**Depot:** VOLVO9652  
**Unique No:** 5566917  
**Signed:** Wes Davis  
**Report Date:** 28 Apr 2023

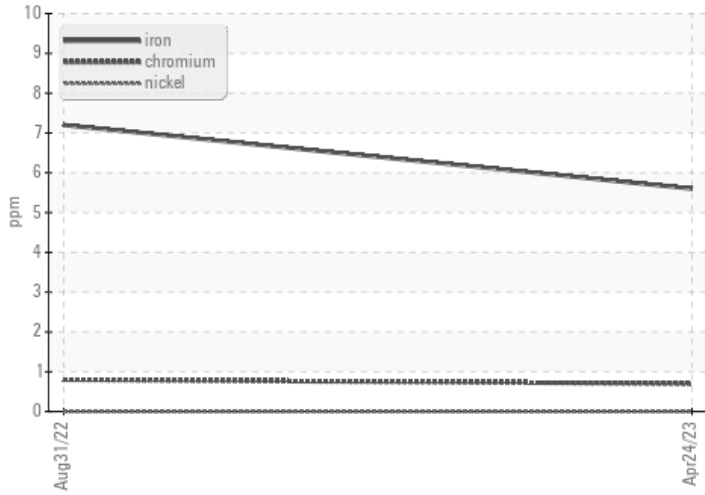


# CONSTRUCTION EQUIPMENT

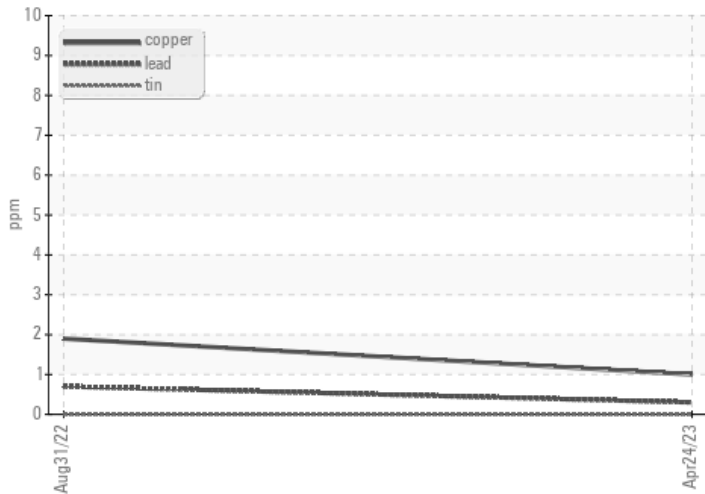


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count

