



# CONSTRUCTION EQUIPMENT

8000362284 VOLVO L150H 6743 - HYDRAULIC SYSTEM



**Sample No:** VCP391979  
**Oil Type:** AW HYDRAULIC OIL ISO 46  
**Job No:** 8000362284



## SAMPLE INFORMATION

Sample Number	VCP391979	---	---	---
Sample Date	27 Apr 2023	---	---	---
Machine Hours	4183	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

### 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	█ 39.8	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 15785	---	---	---
Particles >6µm		▲ 3595	---	---	---
Particles >14µm		▲ 381	---	---	---
ISO 4406:1999 (c)		21/19/16	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---



## WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 62	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 404	---	---	---
Phosphorus	ppm	█ 361	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 2	---	---	---

## Diagnosis

We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition. 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 moderate amount of particulates (2 to 100 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

**Depot:** VOLVO9652  
**Unique No:** 5567704  
**Signed:** Kevin Marson  
**Report Date:** 03 May 2023

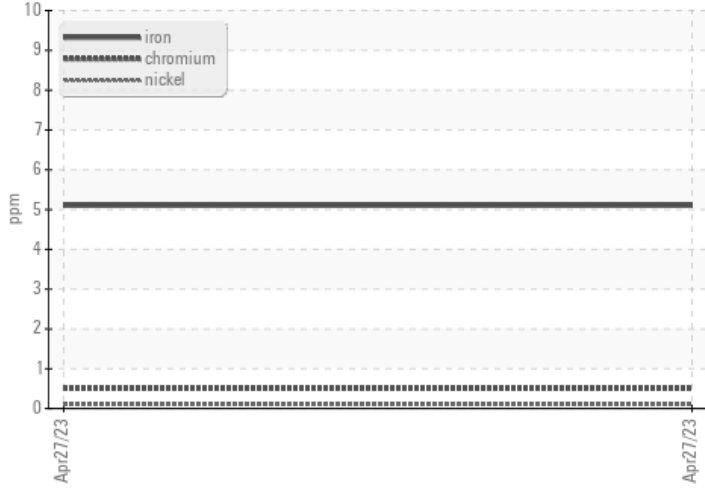


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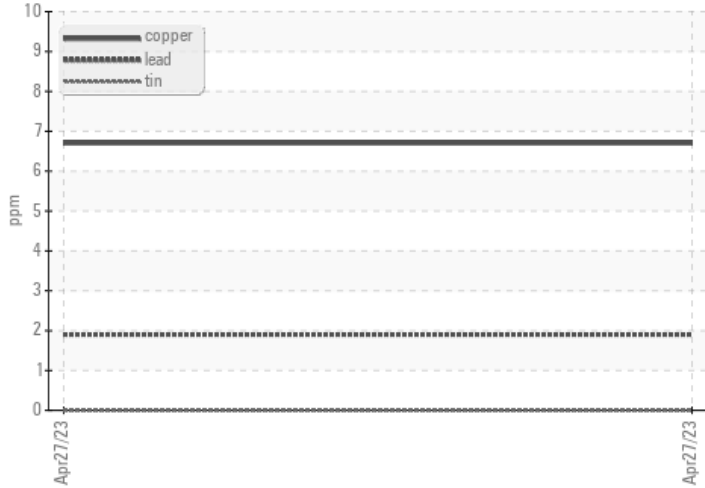


## GRAPHS

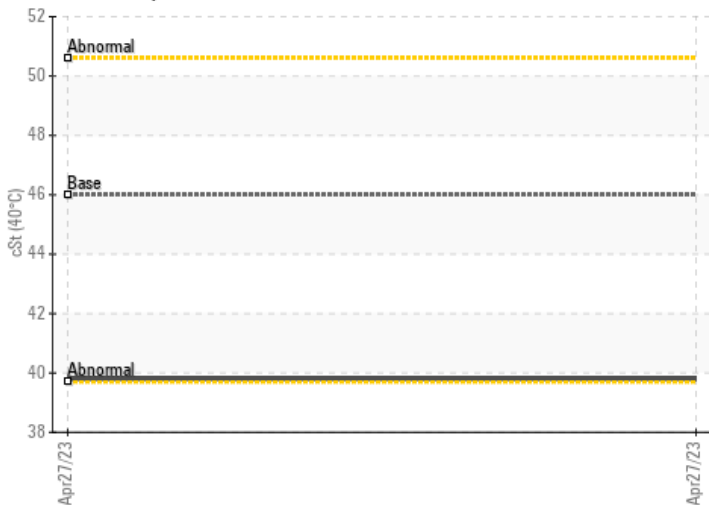
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count

