



# CONSTRUCTION EQUIPMENT

SWO-072880 LHOIST VOLVO A25G 752382 - BRAKE



**Sample No:** VCP443980  
**Oil Type:** {unknown}  
**Job No:** SWO-072880 LHOIST



## SAMPLE INFORMATION

Sample Number	VCP443980	---	---	---
Sample Date	13 Jun 2024	---	---	---
Machine Hours	2503	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

### COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY  
BIRMINGHAM, AL  
US 35217  
Contact: BRANTLY CLAY  
bclay@cowin.com  
T:  
F: (205)856-2106



## OIL CONDITION

Visc @ 40°C	cSt	█ 43.5	---	---	---
-------------	-----	--------	-----	-----	-----



## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 4	---	---	---



## WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	▲ 225	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	3850	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	1485	---	---	---
Phosphorus	ppm	1290	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	116	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO8528  
**Unique No:** 11088948  
**Signed:** Don Baldrige  
**Report Date:** 23 Jun 2024

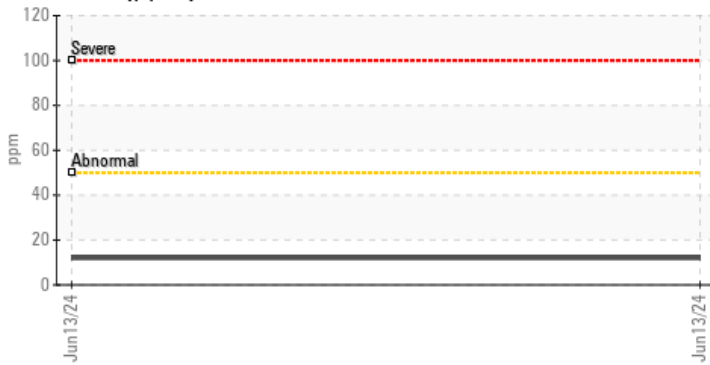


# CONSTRUCTION EQUIPMENT

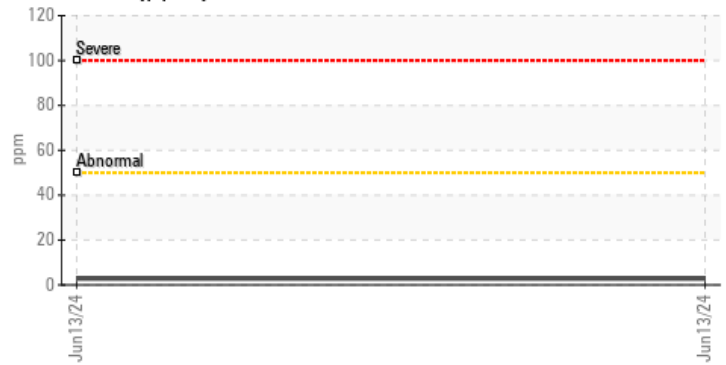


## GRAPHS

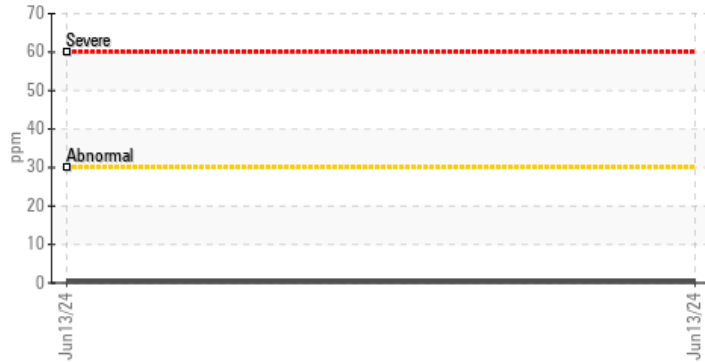
### Iron (ppm)



### Lead (ppm)



### Aluminum (ppm)



### Chromium (ppm)



### ▲ Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

