



# CONSTRUCTION EQUIPMENT

SWO-072880 LHOIST VOLVO A25G 752382 - DROP BOX



**Sample No:** VCP443975  
**Oil Type:** GEAR OIL LS 80W90  
**Job No:** SWO-072880 LHOIST



## SAMPLE INFORMATION

Sample Number	VCP443975	---	---	---
Sample Date	13 Jun 2024	---	---	---
Machine Hours	2503	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

### COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY  
BIRMINGHAM, AL  
US 35217  
Contact: BRANTLY CLAY  
bclay@cowin.com  
T:  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 115	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ <1	---	---	---



## WEAR METALS

Iron	ppm	█ 71	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	21	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	437	---	---	---
Magnesium	ppm	101	---	---	---
Zinc	ppm	262	---	---	---
Phosphorus	ppm	█ 1083	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 171	---	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO8528  
**Unique No:** 11088944  
**Signed:** Don Baldrige  
**Report Date:** 23 Jun 2024

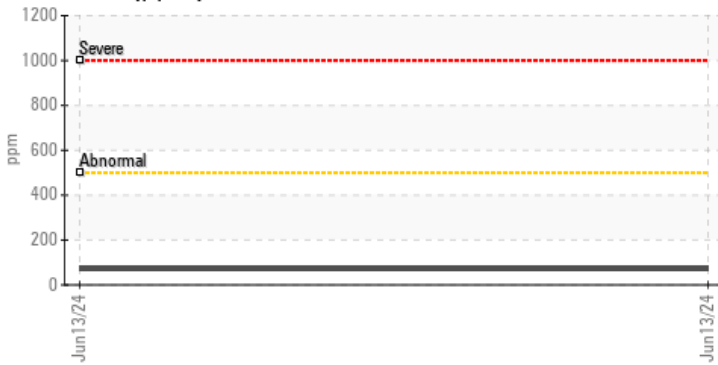


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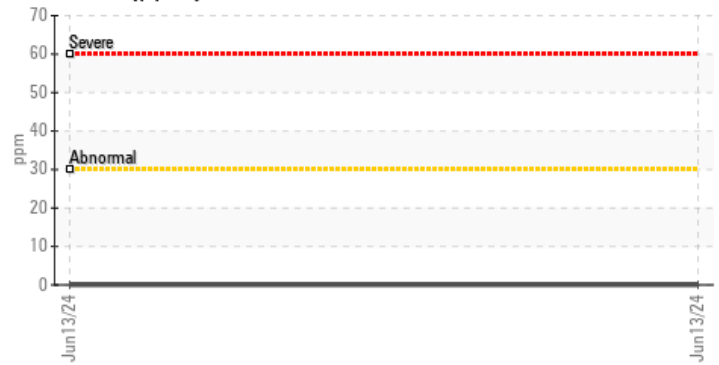


## GRAPHS

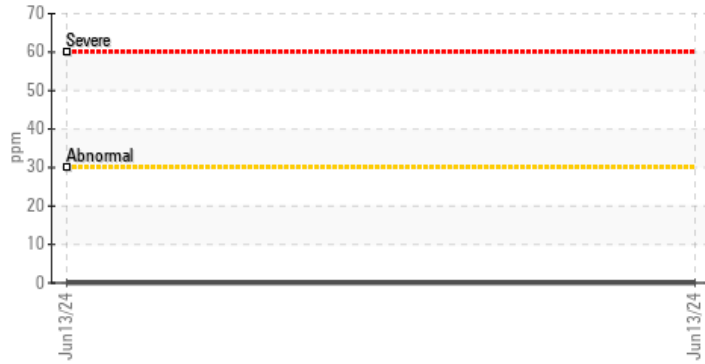
### Iron (ppm)



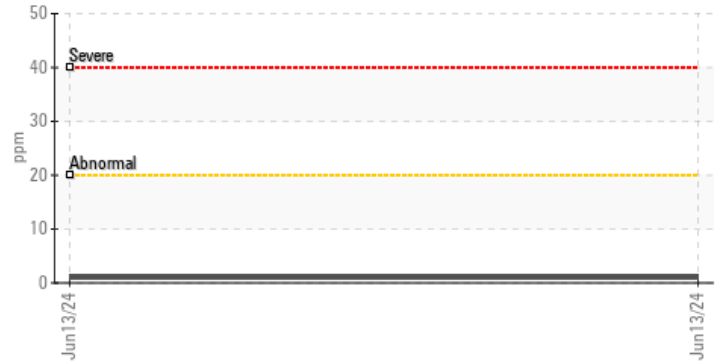
### Lead (ppm)



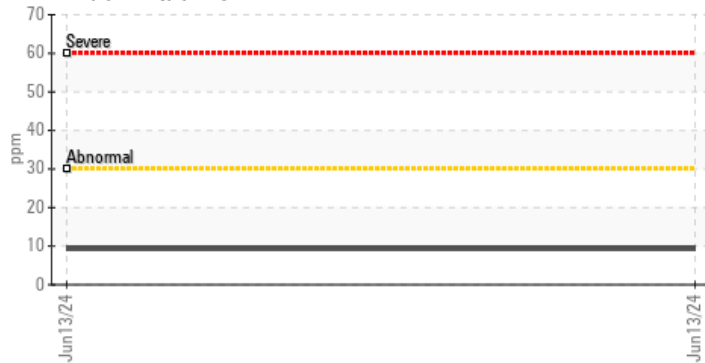
### Aluminum (ppm)



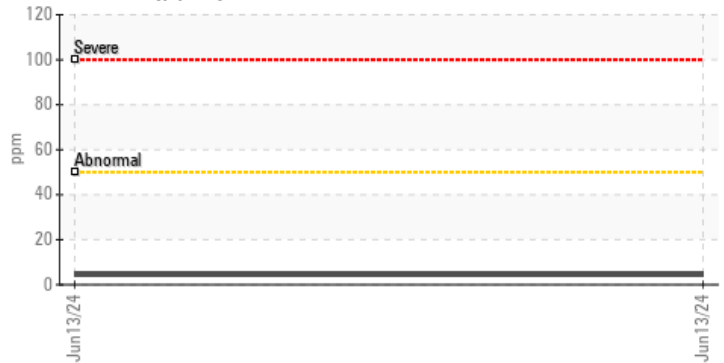
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

