



# CONSTRUCTION EQUIPMENT

## TMR VOLVO L120H 633358 - HYDRAULIC SYSTEM



**Sample No:** VCP444531  
**Oil Type:** AW HYDRAULIC OIL ISO 46  
**Job No:** TMR



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
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 US 33619  
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### SAMPLE INFORMATION

Sample Number	VCP444531	---	---	---
Sample Date	26 Jun 2024	---	---	---
Machine Hours	933	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



### OIL CONDITION

Visc @ 40°C	cSt	█ 44.1	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.36	---	---	---



### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---



### WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 73	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 486	---	---	---
Phosphorus	ppm	█ 356	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ <1	---	---	---

### Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

**Depot:** VOLVO0093  
**Unique No:** 11102663  
**Signed:** Don Baldrige  
**Report Date:** 02 Jul 2024

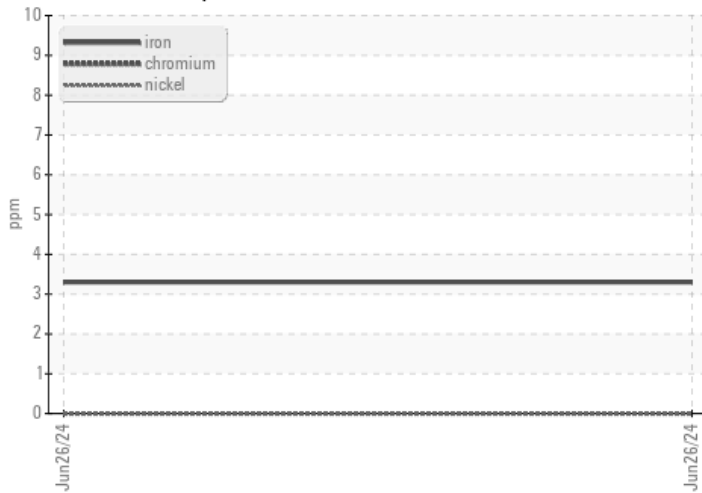


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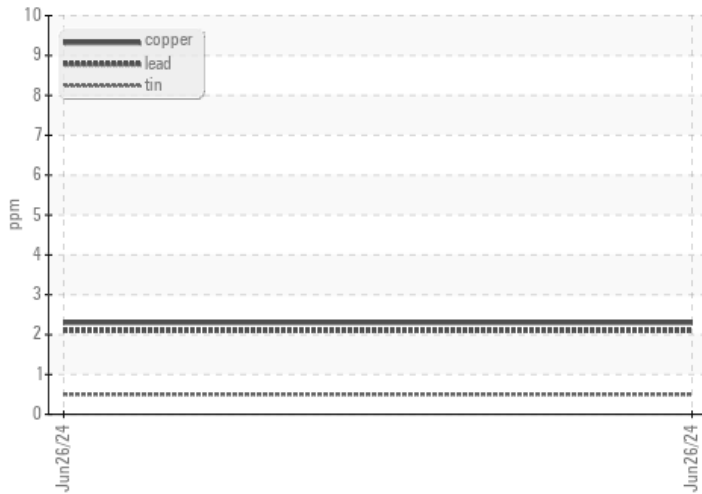


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

