



# CONSTRUCTION EQUIPMENT

## A12458 VOLVO L60H 62331 - HYDRAULIC SYSTEM



**Sample No:** VCP446444  
**Oil Type:** MOBIL HYDRAULIC OIL AW 46  
**Job No:** A12458



**COVANTA METAL MARKETING LLC**  
 500 MIDDLE DR  
 FAIRLESS HILLS, PA  
 US 19030  
 Contact: J.P.

T:  
 F:



### SAMPLE INFORMATION

Sample Number	VCP446444	---	---	---
Sample Date	11 Apr 2024	---	---	---
Machine Hours	2095	---	---	---
Oil Hours	2095	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---



### OIL CONDITION

Visc @ 40°C	cSt	█ 42.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.35	---	---	---



### CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 5311	---	---	---
Particles >6µm		█ 1631	---	---	---
Particles >14µm		● 105	---	---	---
ISO 4406:1999 (c)		20/18/14	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

### 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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



### WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	93	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 432	---	---	---
Phosphorus	ppm	█ 326	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

**Depot:** COVFAI  
**Unique No:** 10991253  
**Signed:** Wes Davis  
**Report Date:** 23 Apr 2024

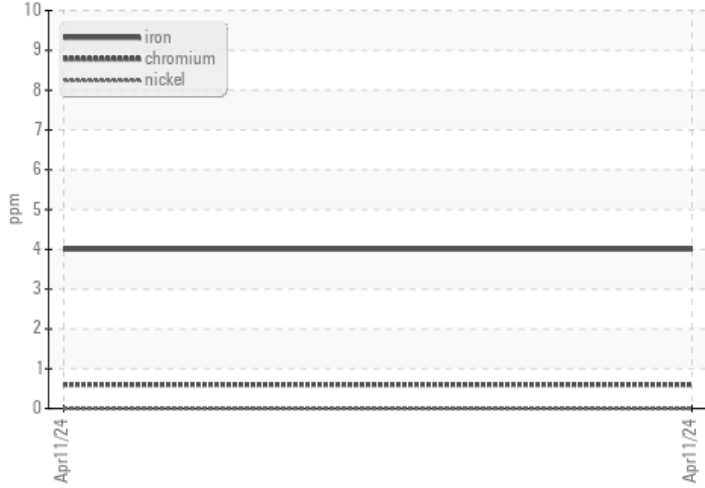


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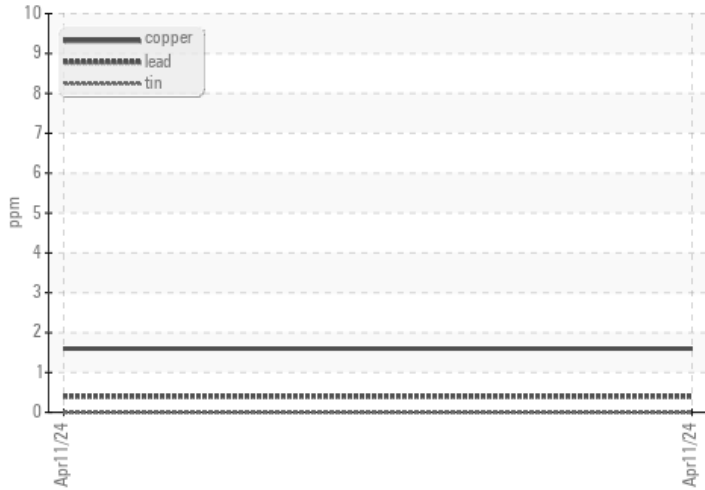


## VOLVO GRAPHS

### Ferrous Alloys



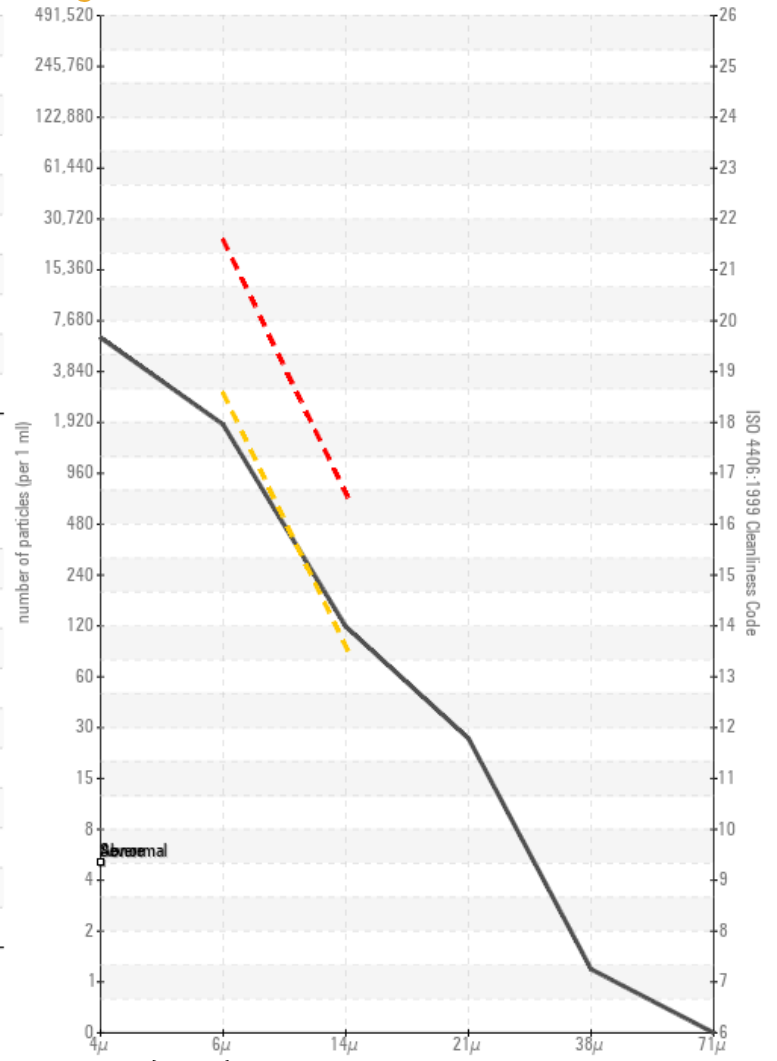
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

