



# CONSTRUCTION EQUIPMENT

## 568047 GLE VOLVO L20H 1220431 - HYDRAULIC SYSTEM



**Sample No:** VCP369805  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 568047 GLE



**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
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### SAMPLE INFORMATION

Sample Number	VCP369805	---	---	---
Sample Date	05 Jul 2023	---	---	---
Machine Hours	2618	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---



### OIL CONDITION

Visc @ 40°C	cSt	█ 53.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.38	---	---	---



### CONTAMINATION

Particles >4µm		10865	---	---	---
Particles >6µm		█ 1214	---	---	---
Particles >14µm		▲ 119	---	---	---
ISO 4406:1999 (c)		21/17/14	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---



### WEAR METALS

Iron	ppm	█ 22	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 9	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 277	---	---	---
Magnesium	ppm	█ 31	---	---	---
Zinc	ppm	█ 474	---	---	---
Phosphorus	ppm	█ 387	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 11	---	---	---

### Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0096  
**Unique No:** 10549391  
**Signed:** Don Baldrige  
**Report Date:** 11 Jul 2023

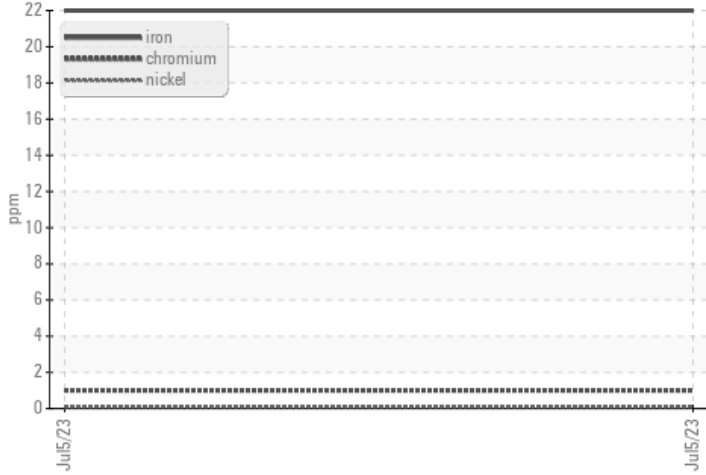


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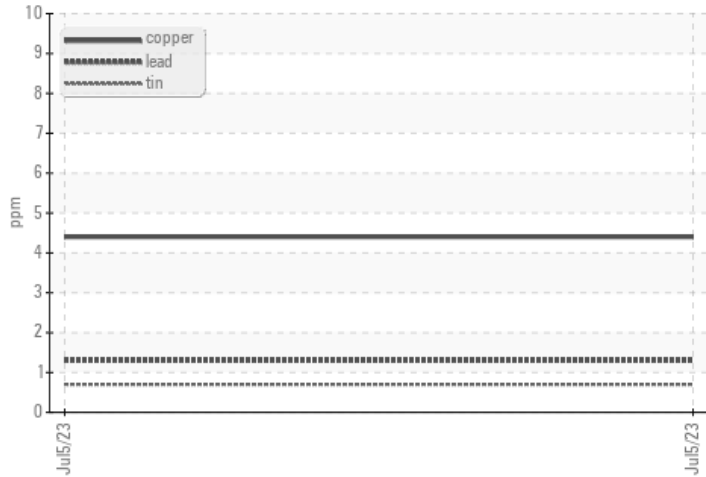


## GRAPHS

### Ferrous Alloys



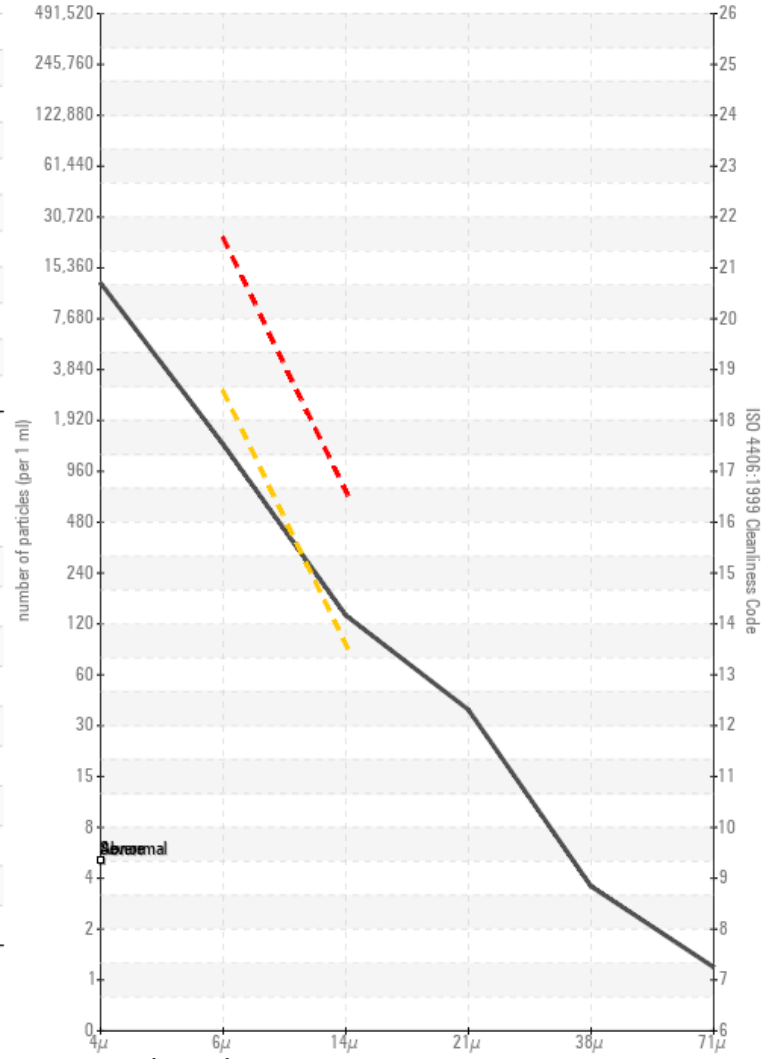
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

