



# CONSTRUCTION EQUIPMENT

## SPM607135 HERC VOLVO L70H 624949 - HYDRAULIC SYSTEM



**Sample No:** VCP414000  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** SPM607135 HERC



### SAMPLE INFORMATION

Sample Number	VCP414000	---	---	---
Sample Date	19 Oct 2023	---	---	---
Machine Hours	537	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

**ALTA EQUIPMENT CO - ORLAND PARK**  
 5000 INDUSTRIAL HWY  
 GARY, IN  
 US 46406  
 Contact: DAVE ENG  
 DAVE.ENG@ALTG.COM  
 T: (312)350-2560  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	█ 44.2	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.38	---	---	---



### CONTAMINATION

Particles >4µm		▲ 5582	---	---	---
Particles >6µm		█ 1150	---	---	---
Particles >14µm		█ 96	---	---	---
ISO 4406:1999 (c)		20/17/14	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---

### Diagnosis

We recommend you service the filters on this component. 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	█ 0	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



### ADDITIVES

Calcium	ppm	█ 70	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 470	---	---	---
Phosphorus	ppm	█ 345	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

**Depot:** VOLVO8885  
**Unique No:** 10712953  
**Signed:** Wes Davis  
**Report Date:** 27 Oct 2023

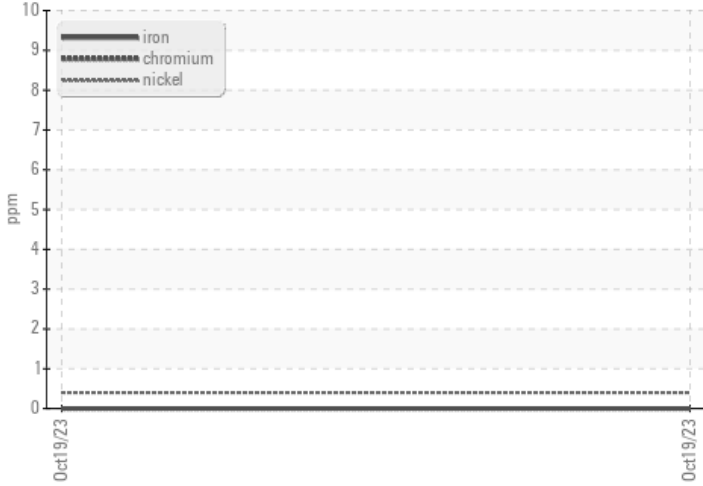


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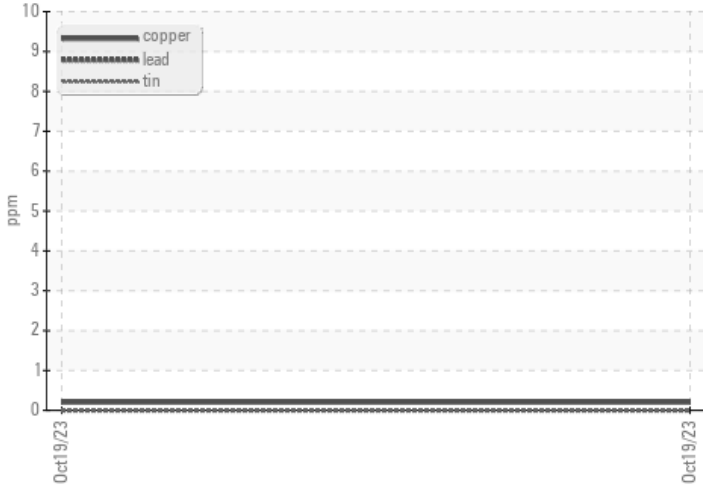


## GRAPHS

### Ferrous Alloys



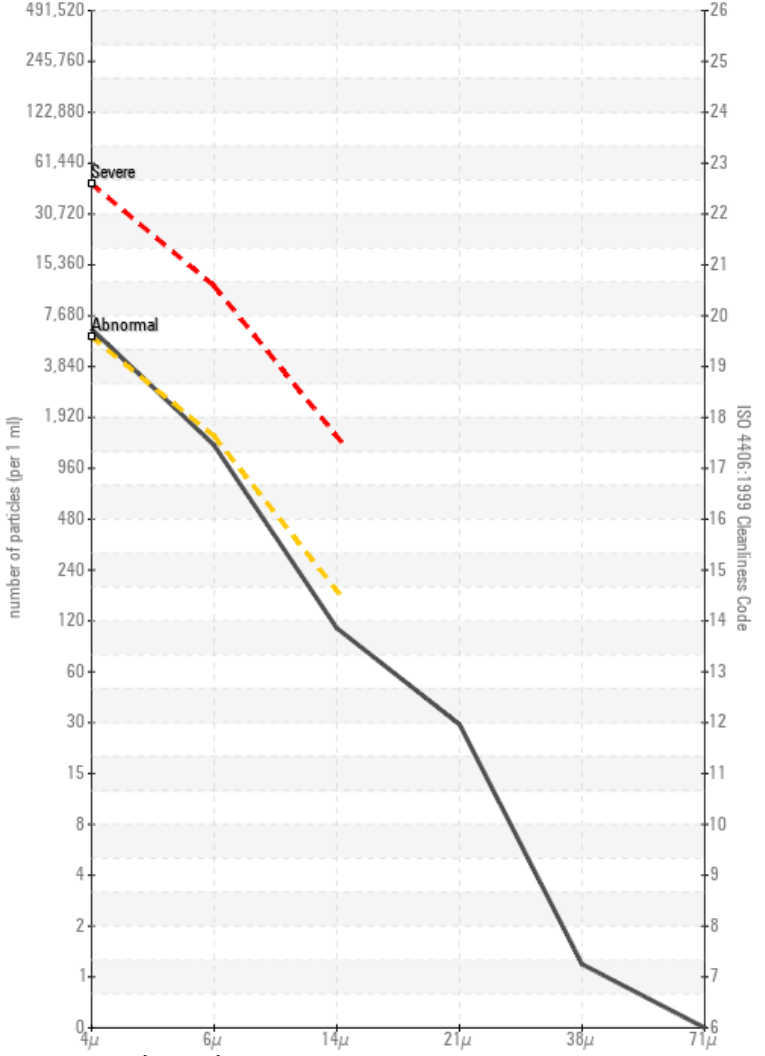
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

