



CONSTRUCTION EQUIPMENT

SPM567753 HERC VOLVO L70H 624578 - HYDRAULIC SYSTEM



Sample No: VCP406241
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM567753 HERC



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



SAMPLE INFORMATION

Sample Number	VCP406241	---	---	---
Sample Date	30 Jun 2023	---	---	---
Machine Hours	450	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 43.9	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.40	---	---	---



CONTAMINATION

Particles >4µm		▲ 10030	---	---	---
Particles >6µm		█ 688	---	---	---
Particles >14µm		█ 27	---	---	---
ISO 4406:1999 (c)		21/17/12	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 94	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 459	---	---	---
Phosphorus	ppm	█ 339	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: VOLVO8885
Unique No: 10548651
Signed: Wes Davis
Report Date: 10 Jul 2023



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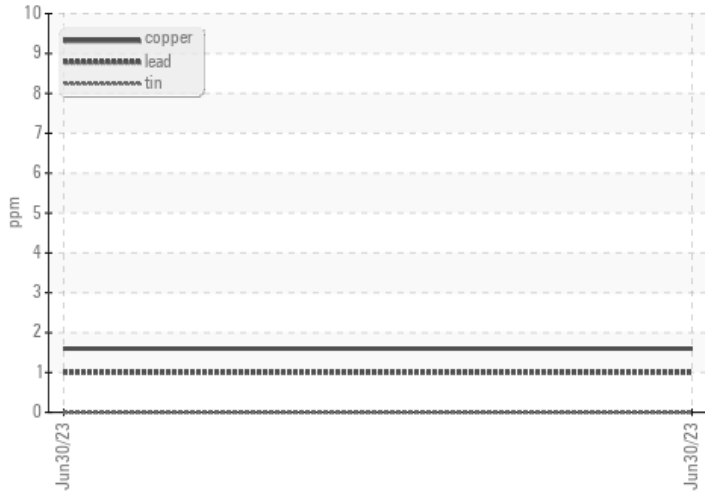


VOLVO GRAPHS

Ferrous Alloys



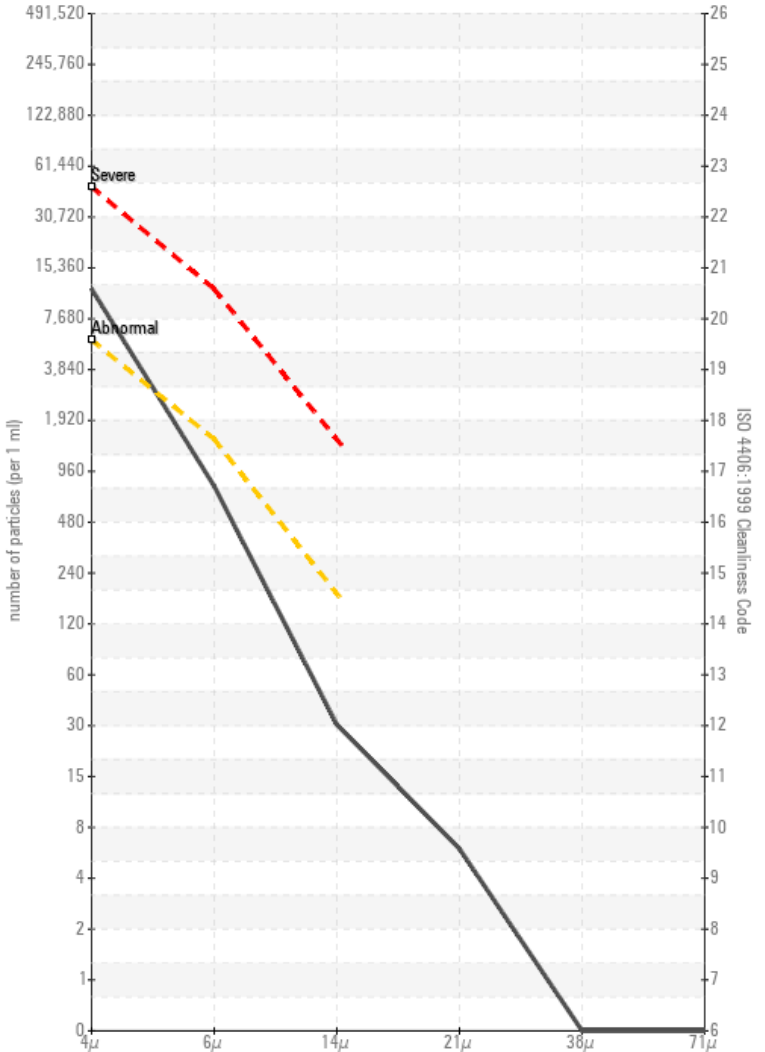
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

