



CONSTRUCTION EQUIPMENT

SPM634755 VIL OF ALS VOLVO L60H 62240 - HYDRAULIC SYSTEM



Sample No: VCP419511
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM634755 VIL OF ALS



SAMPLE INFORMATION

Sample Number	VCP419511	VCP320782	---	---
Sample Date	30 Nov 2023	14 Oct 2021	---	---
Machine Hours	1232	428	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ATTENTION	NORMAL	---	---

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	43.8	44.3	---	---
Acid Number (AN)	mg KOH/g	0.32	0.368	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		8129	3857	---	---
Particles >6µm		1657	927	---	---
Particles >14µm		109	54	---	---
ISO 4406:1999 (c)		20/18/14	19/17/13	---	---
Silicon	ppm	5	3	---	---
Sodium	ppm	2	1	---	---
Potassium	ppm	0	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	<1	<1	---	---
Copper	ppm	2	1	---	---
Lead	ppm	2	1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	70	70	---	---
Magnesium	ppm	2	4	---	---
Zinc	ppm	410	429	---	---
Phosphorus	ppm	317	343	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	2	---	---

Depot: VOLVO8885
Unique No: 10882927
Signed: Wes Davis
Report Date: 16 Feb 2024

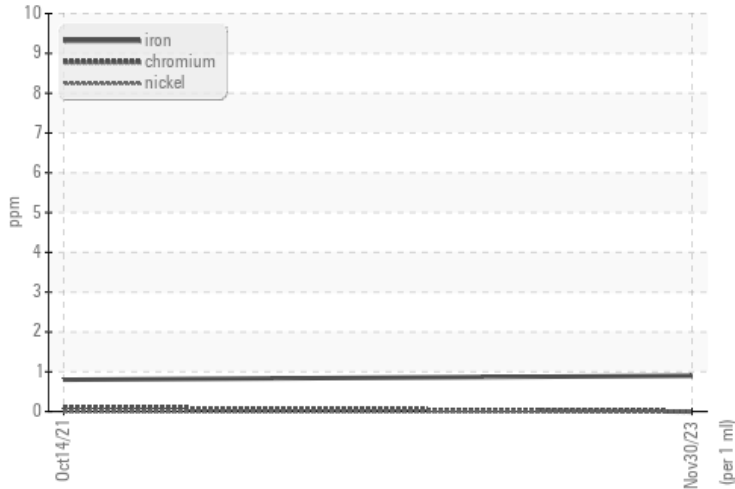


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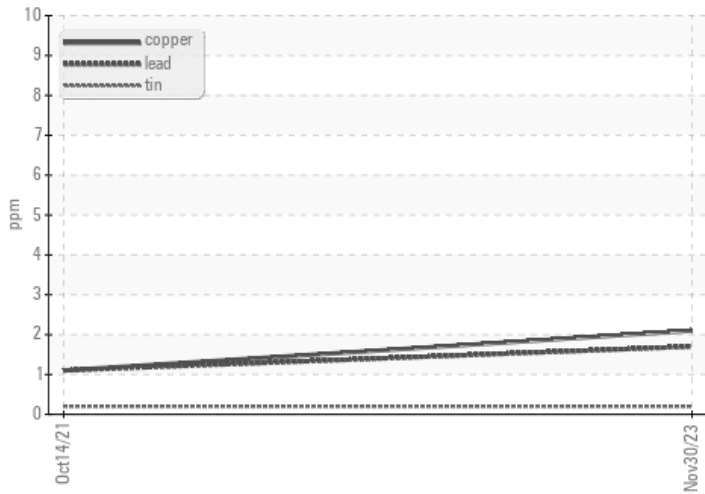


GRAPHS

Ferrous Alloys



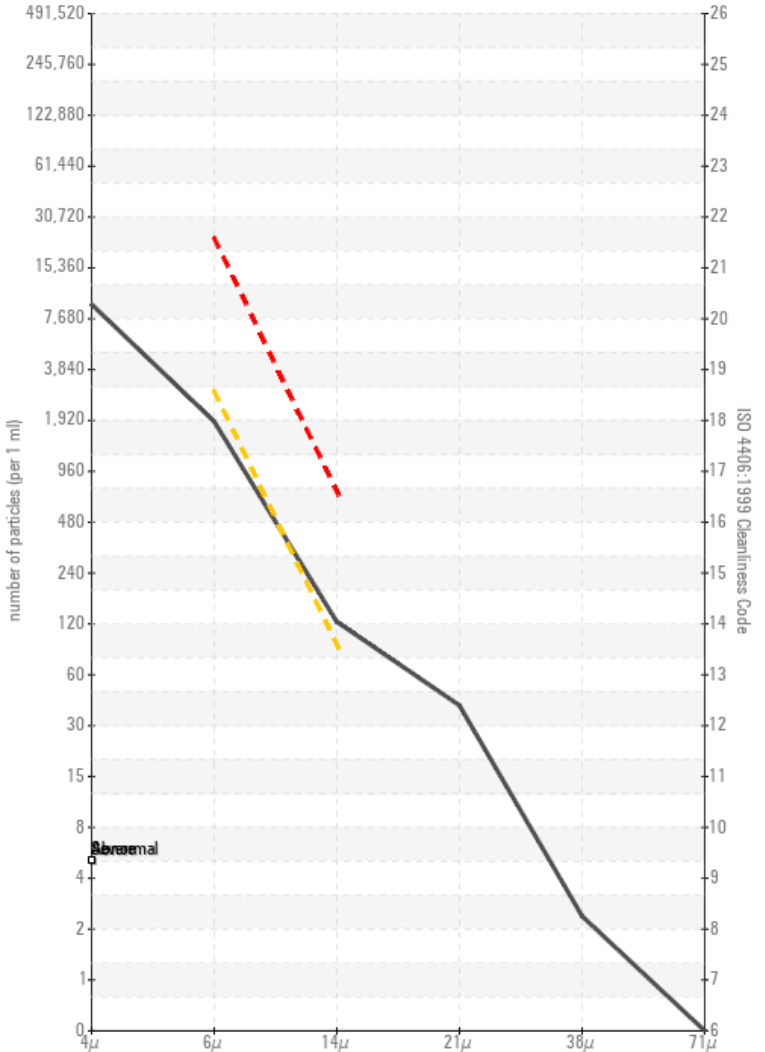
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

