



CONSTRUCTION EQUIPMENT

SPM633629 WM VOLVO L30G 3224749 - HYDRAULIC SYSTEM



Sample No: VCP429786
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM633629 WM



SAMPLE INFORMATION

Sample Number	VCP429786	---	---	---
Sample Date	10 Nov 2023	---	---	---
Machine Hours	225	---	---	---
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	█ 42.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.39	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 5845	---	---	---
Particles >6µm		█ 452	---	---	---
Particles >14µm		█ 23	---	---	---
ISO 4406:1999 (c)		20/16/12	---	---	---
Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ 2	---	---	---
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	█ <1	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

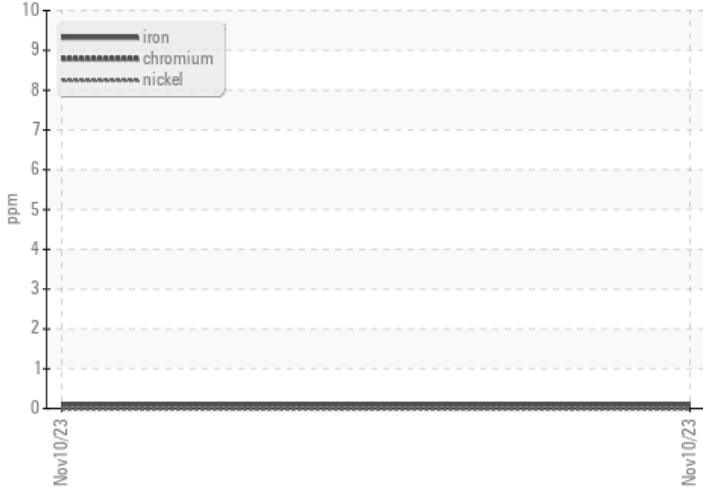
Calcium	ppm	█ 66	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 362	---	---	---
Phosphorus	ppm	█ 282	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO8885
Unique No: 10766938
Signed: Wes Davis
Report Date: 04 Dec 2023

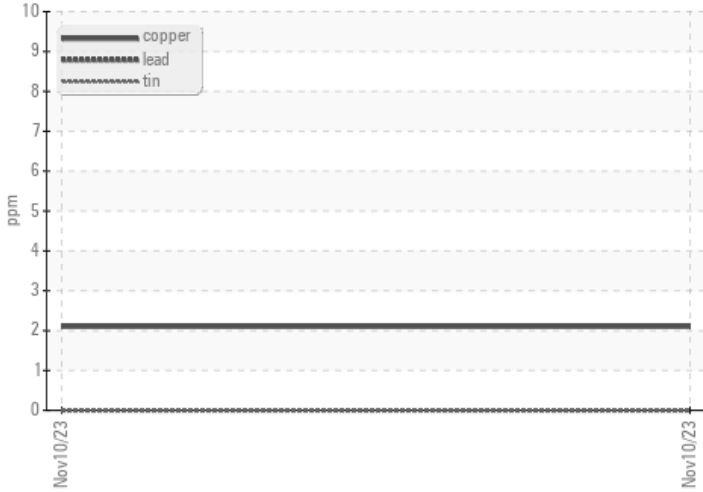


GRAPHS

Ferrous Alloys



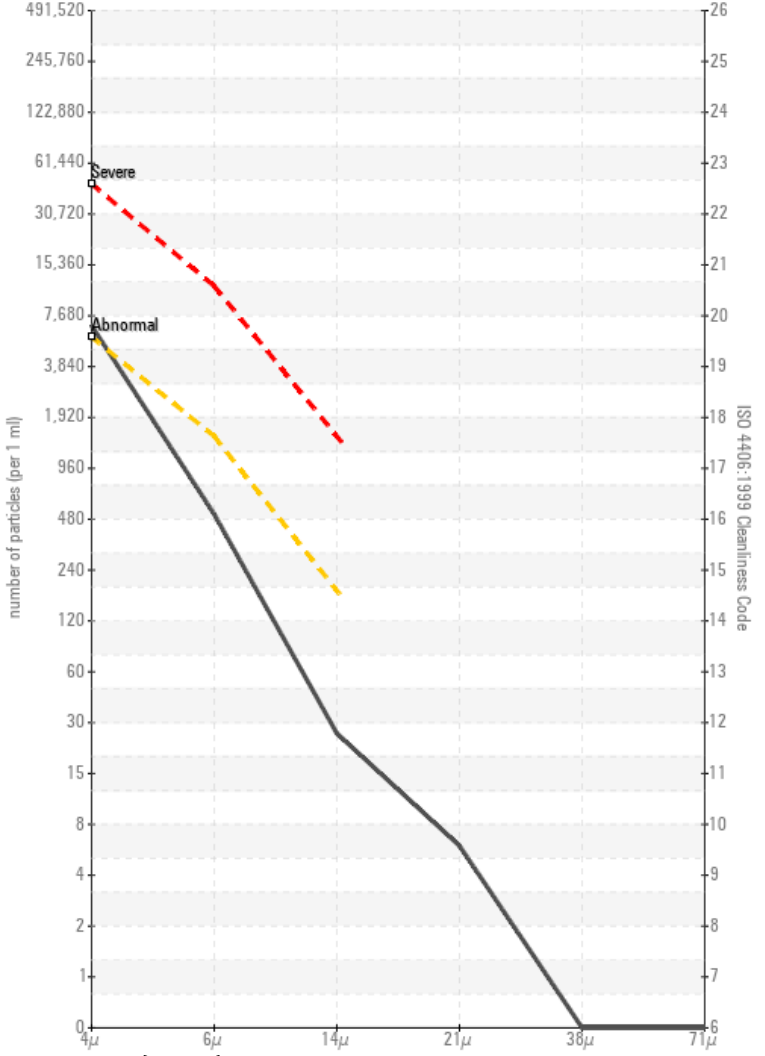
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

