



CONSTRUCTION EQUIPMENT

SPM717217 WM VOLVO L30G 3224749 - HYDRAULIC SYSTEM



Sample No: VCP444397
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM717217 WM



SAMPLE INFORMATION

Sample Number	VCP444397	VCP429786	---	---
Sample Date	11 Jun 2024	10 Nov 2023	---	---
Machine Hours	485	225	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ATTENTION	ATTENTION	---	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: MARK DEROSA
 mark.derosa@altg.com
 T: (248)356-5200
 F:



OIL CONDITION

Visc @ 40°C	cSt	41.6	42.4	---	---
Acid Number (AN)	mg KOH/g	0.33	0.39	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		7990	5845	---	---
Particles >6µm		468	452	---	---
Particles >14µm		19	23	---	---
ISO 4406:1999 (c)		20/16/11	20/16/12	---	---
Silicon	ppm	3	1	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	2	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	4	<1	---	---
Copper	ppm	3	2	---	---
Lead	ppm	1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	0	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	71	66	---	---
Magnesium	ppm	9	3	---	---
Zinc	ppm	446	362	---	---
Phosphorus	ppm	355	282	---	---
Barium	ppm	1	0	---	---
Boron	ppm	0	0	---	---

Depot: VOLVO8885
Unique No: 11089651
Signed: Wes Davis
Report Date: 24 Jun 2024

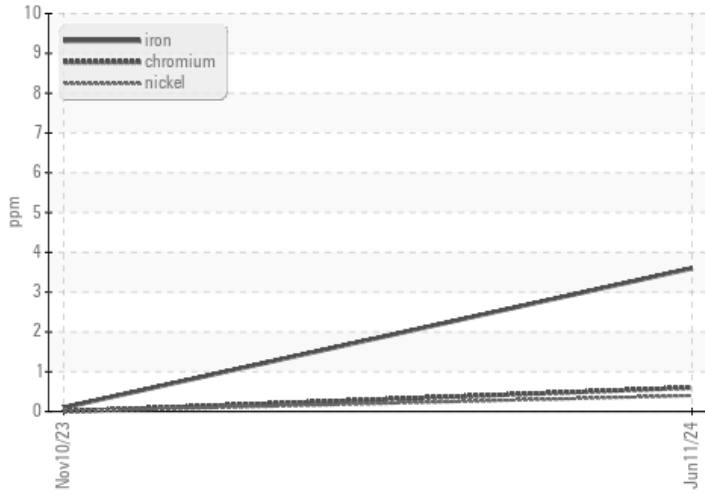


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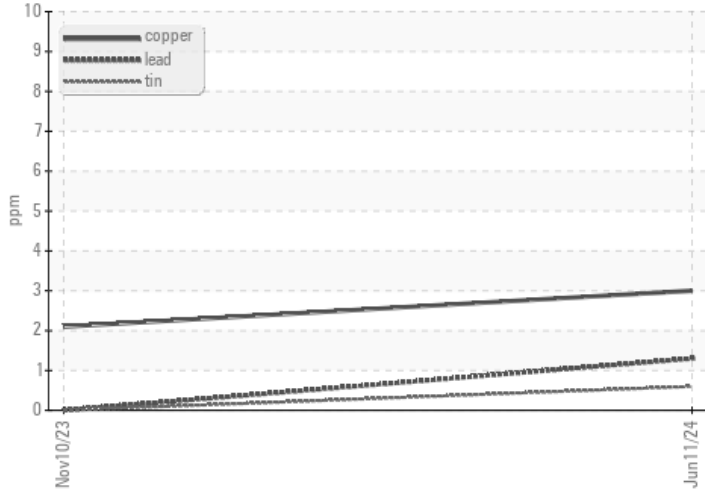


GRAPHS

Ferrous Alloys



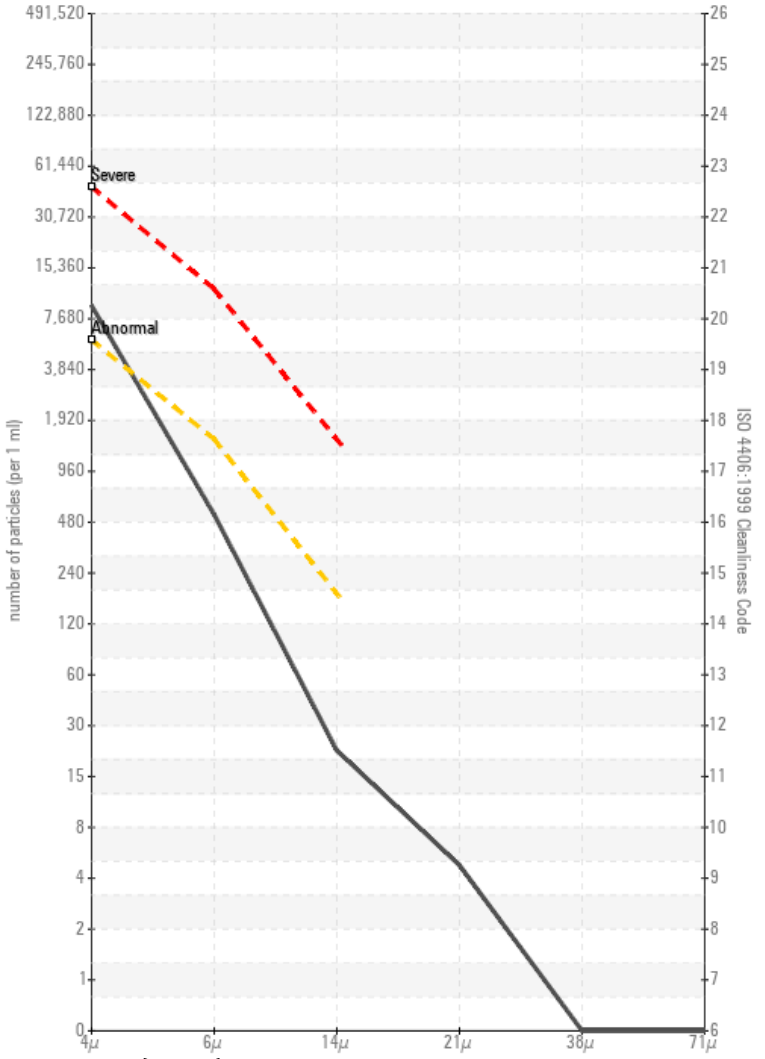
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

