



CONSTRUCTION EQUIPMENT

384881 VOLVO L60H 623294 - HYDRAULIC SYSTEM



Sample No: VCP432331
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 384881



SAMPLE INFORMATION

Sample Number	VCP432331	---	---	---
Sample Date	11 Oct 2023	---	---	---
Machine Hours	1079	---	---	---
Oil Hours	1079	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

RECYCLE AMERICA
 12100 YOUNG PINE RD
 ORLANDO, FL
 US 32829
 Contact: SERVICE MANAGER

OIL CONDITION

Visc @ 40°C	cSt	█ 43.5	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.28	---	---	---

T:
F:

CONTAMINATION

Particles >4µm		6298	---	---	---
Particles >6µm		█ 1630	---	---	---
Particles >14µm		▲ 106	---	---	---
ISO 4406:1999 (c)		20/18/14	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ <1	---	---	---
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	█ 3	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 56	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 407	---	---	---
Phosphorus	ppm	█ 312	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: RECORL
Unique No: 10696846
Signed: Wes Davis
Report Date: 17 Oct 2023

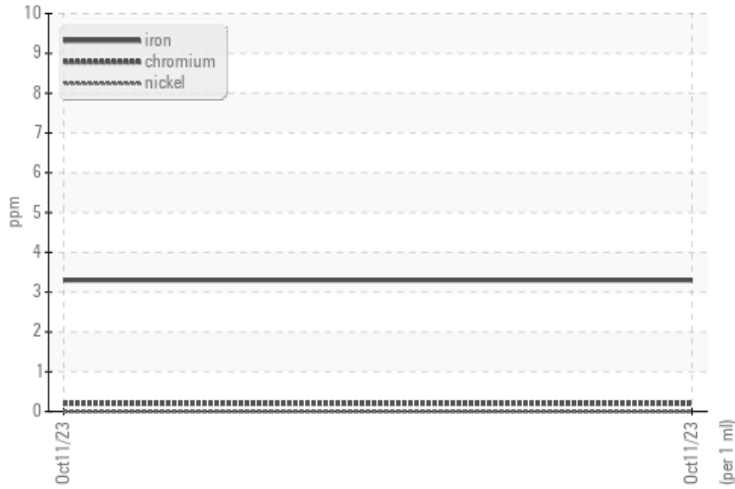


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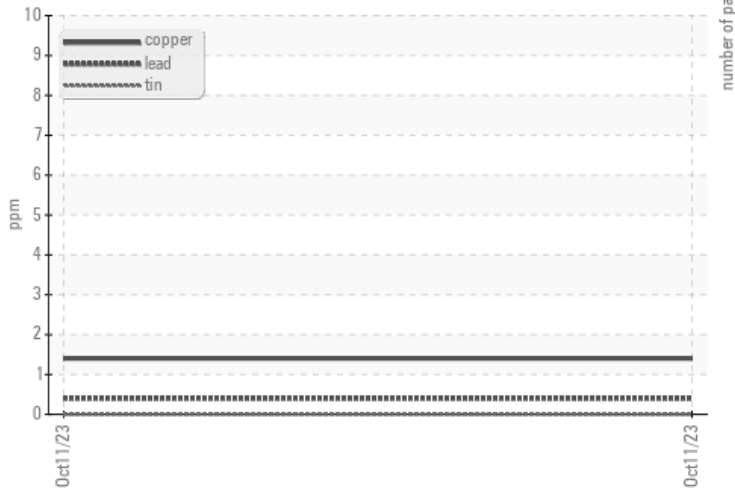


VOLVO GRAPHS

Ferrous Alloys



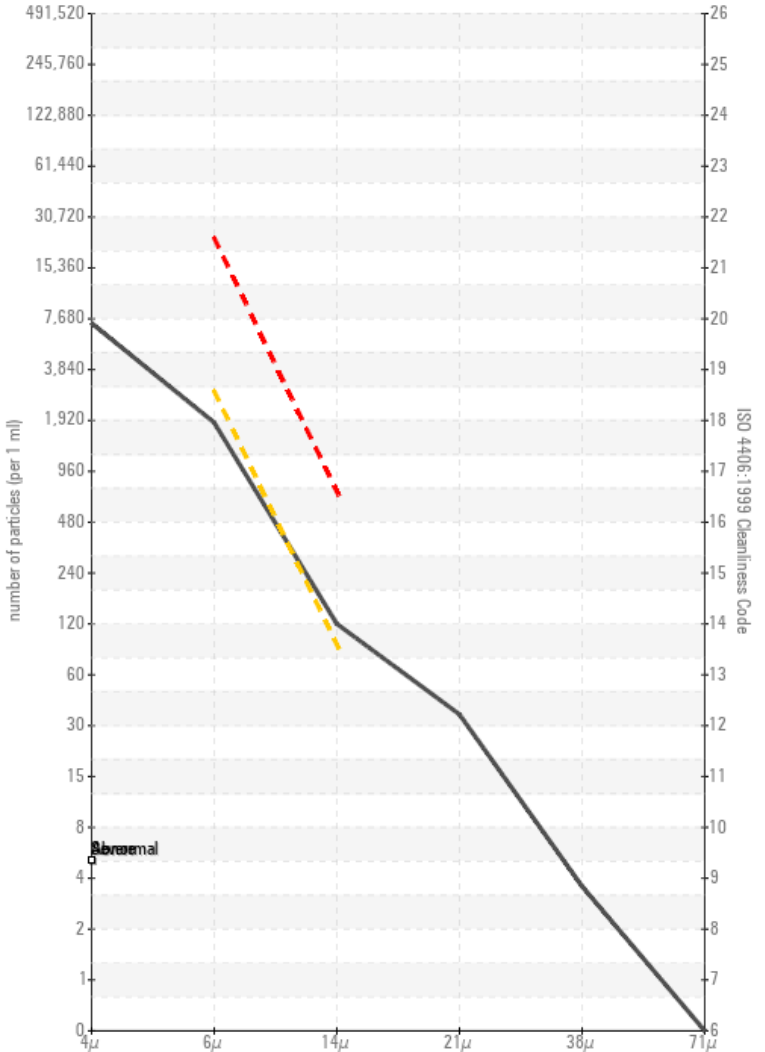
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

