



CONSTRUCTION EQUIPMENT

A12360 OLD CASTLE VOLVO L120H 633555 - HYDRAULIC SYSTEM



Sample No: VCP440473
Oil Type: MOBIL HYDRAULIC OIL AW 46
Job No: A12360 OLD CASTLE



HOFFMAN EQUIPMENT - LIONVILLE
120 GORDON DRIVE
LIONVILLE, PA
US 19341
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SAMPLE INFORMATION

Sample Number	VCP440473	---	---	---
Sample Date	04 Apr 2024	---	---	---
Machine Hours	1325	---	---	---
Oil Hours	1325	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 44.9	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.52	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 4039	---	---	---
Particles >6µm		█ 1299	---	---	---
Particles >14µm		● 134	---	---	---
ISO 4406:1999 (c)		19/17/14	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 457	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 533	---	---	---
Phosphorus	ppm	█ 414	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ <1	---	---	---

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.

Depot: VOLVO8879
Unique No: 10968965
Signed: Wes Davis
Report Date: 11 Apr 2024

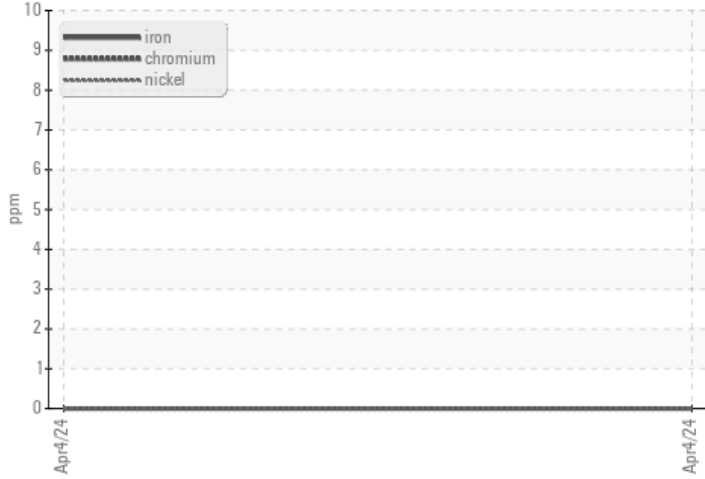


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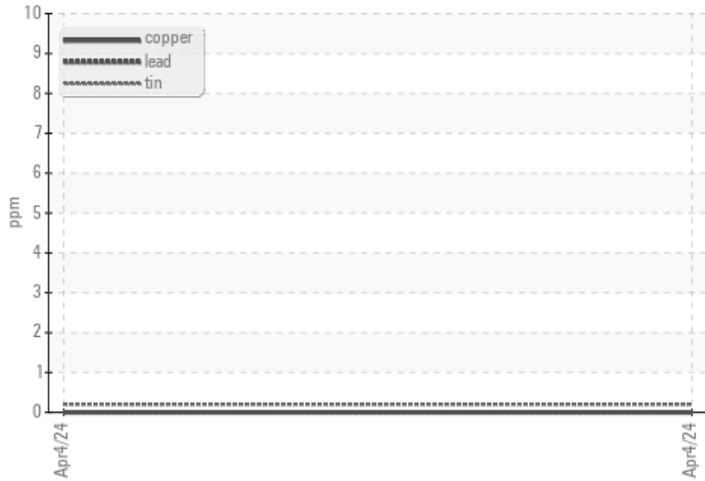


VOLVO GRAPHS

Ferrous Alloys



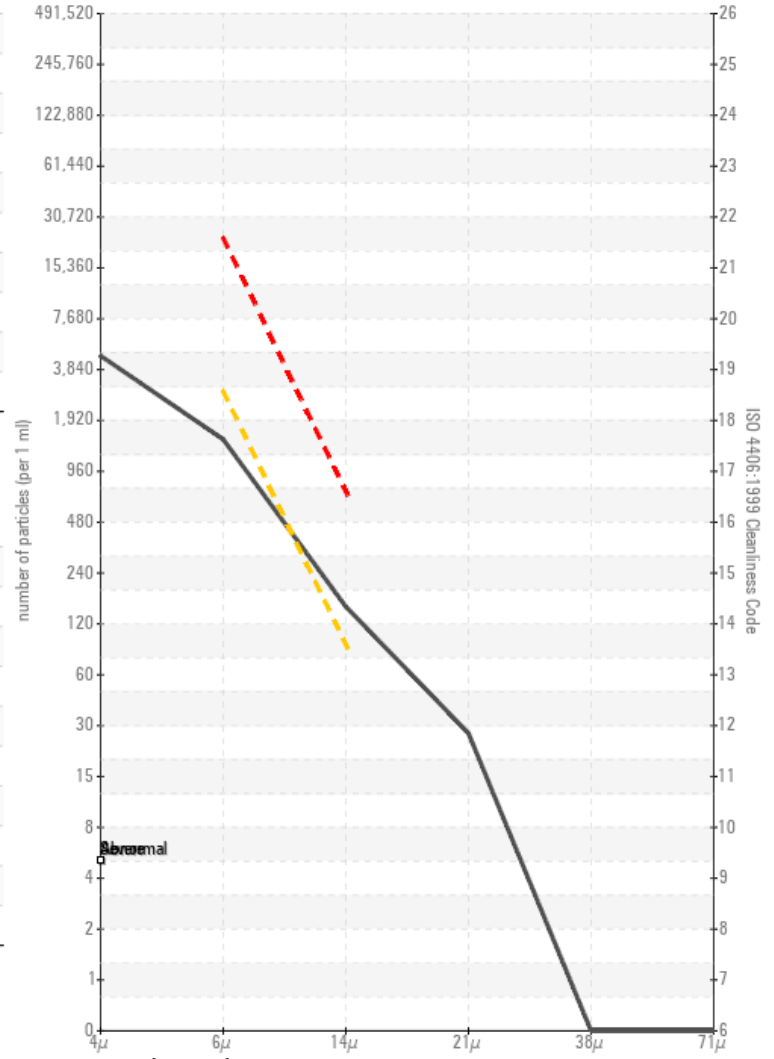
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

