



CONSTRUCTION EQUIPMENT

IAA VOLVO L90H 624521 - HYDRAULIC SYSTEM



Sample No: VCP437330
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: IAA



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP437330	---	---	---
Sample Date	30 Apr 2024	---	---	---
Machine Hours	8135	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 43.5	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.35	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 2589	---	---	---
Particles >6µm		█ 779	---	---	---
Particles >14µm		● 106	---	---	---
ISO 4406:1999 (c)		19/17/14	---	---	---
Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

WEAR METALS

Iron	ppm	█ 2	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 57	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 491	---	---	---
Phosphorus	ppm	█ 377	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	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.

Depot: VOLVO0093
Unique No: 11082863
Signed: Wes Davis
Report Date: 17 Jun 2024

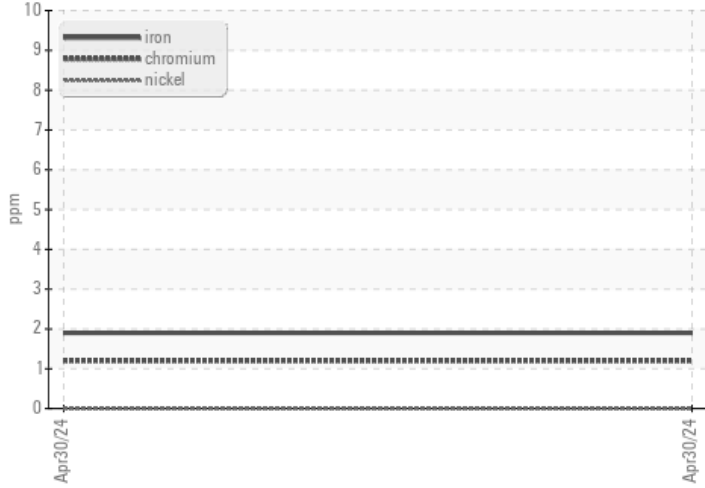


CONSTRUCTION EQUIPMENT

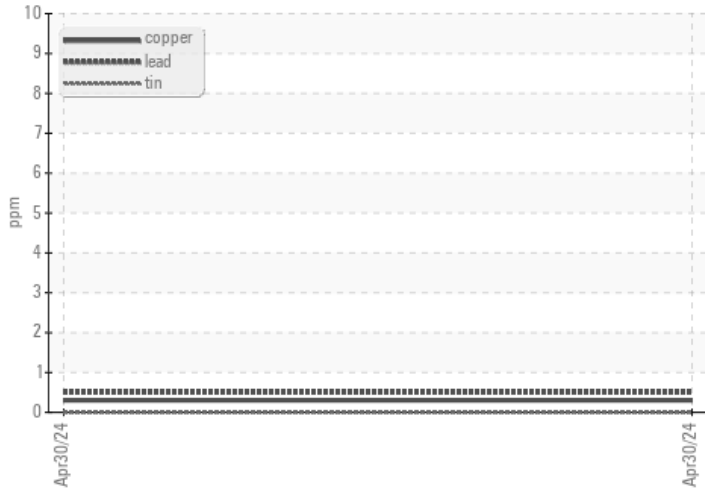


GRAPHS

Ferrous Alloys



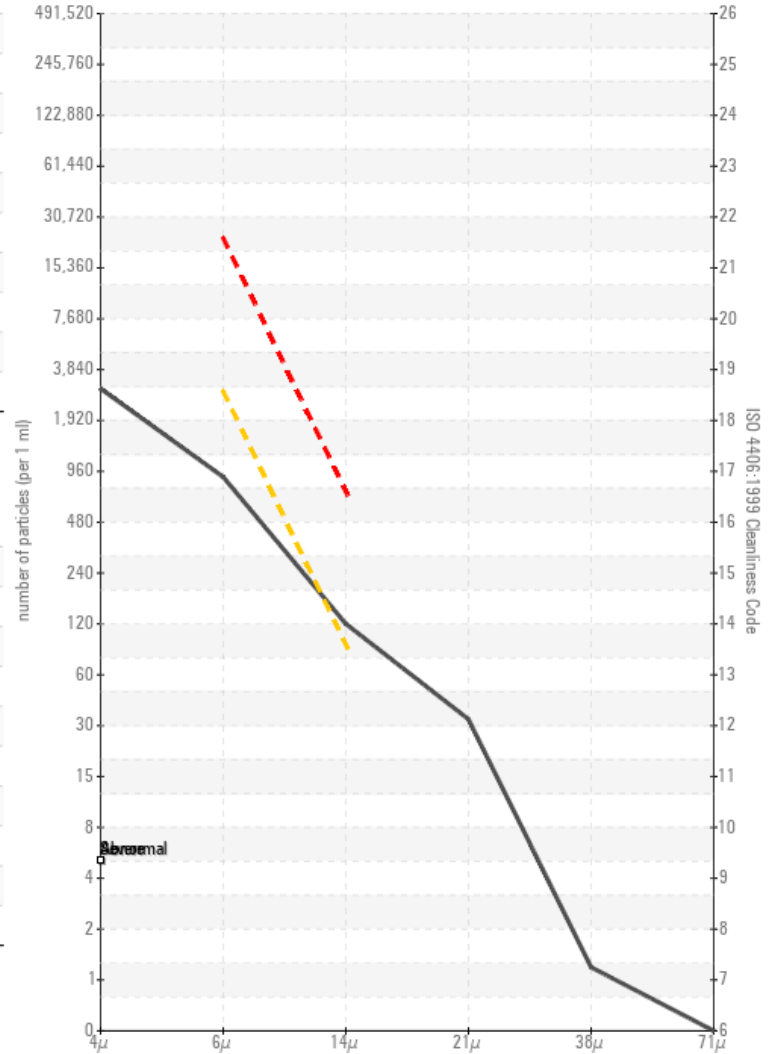
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

