



CONSTRUCTION EQUIPMENT

701224 IAA VOLVO L90H 627228 - HYDRAULIC SYSTEM



Sample No: VCP446421
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 701224 IAA



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
 9601 BOGGY CREEK RD
 ORLANDO, FL
 US 32824
 Contact: Robert LaPlante
 robert.laplante@altg.com
 T: (407)508-9736
 F: (407)659-8720



SAMPLE INFORMATION

Sample Number	VCP446421	---	---	---
Sample Date	09 Apr 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 44.8	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.40	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 5729	---	---	---
Particles >6µm		█ 1440	---	---	---
Particles >14µm		● 90	---	---	---
ISO 4406:1999 (c)		20/18/14	---	---	---
Silicon	ppm	█ 1	---	---	---
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	█ <1	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 68	---	---	---
Magnesium	ppm	█ 7	---	---	---
Zinc	ppm	█ 398	---	---	---
Phosphorus	ppm	█ 313	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO0096
Unique No: 10975886
Signed: Wes Davis
Report Date: 12 Apr 2024

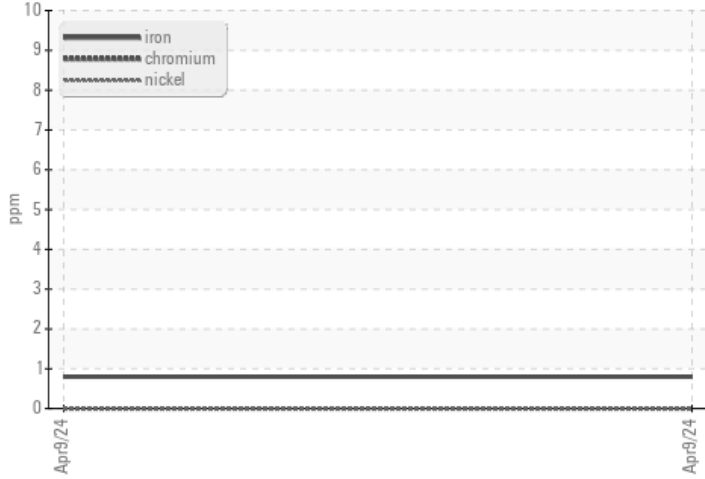


CONSTRUCTION EQUIPMENT

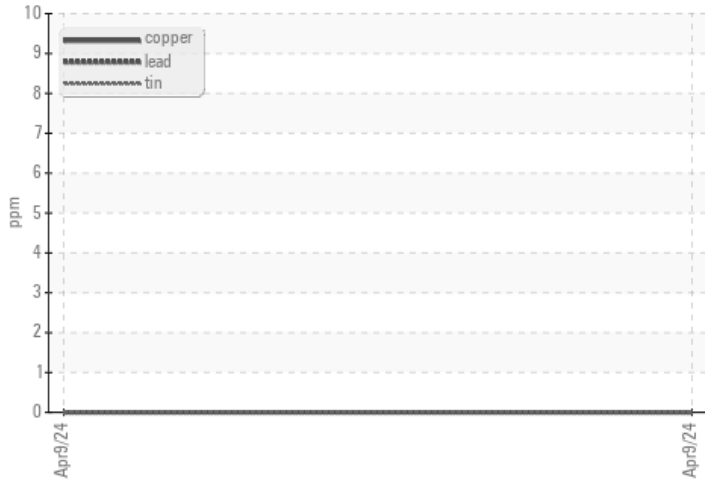


GRAPHS

Ferrous Alloys



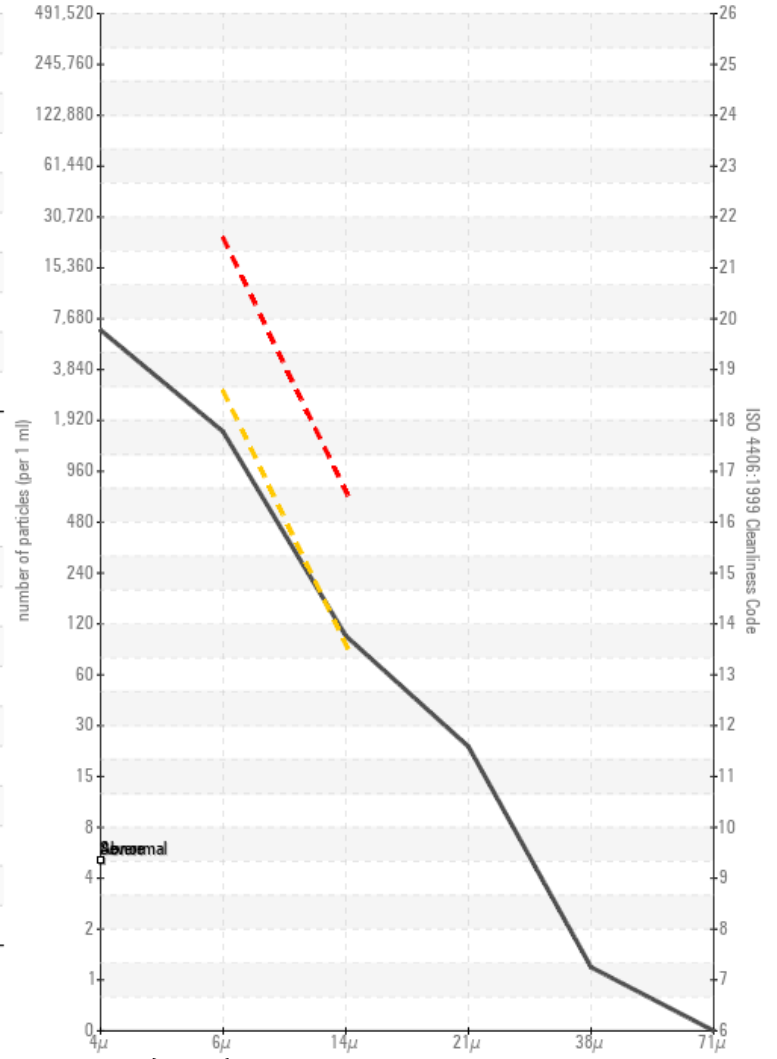
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

