



CONSTRUCTION EQUIPMENT

572727 ALL COUNTY RE VOLVO L110H 631017 - HYDRAULIC SYSTEM



Sample No: VCP450649
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 572727 ALL COUNTY RE



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
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SAMPLE INFORMATION

Sample Number	VCP450649	VCP193849	---	---
Sample Date	29 May 2024	28 Apr 2017	---	---
Machine Hours	12291	2059	---	---
Oil Hours	0	2059	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ATTENTION	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	█44.6	█41.91	---	---
Acid Number (AN)	mg KOH/g	█0.39	█0.409	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles 5-15µm	count	---	78830	---	---
Particles 15-25µm	count	---	1625	---	---
Particles 25-50µm	count	---	104	---	---
Particles 50-100µm	count	---	81	---	---
Particles > 100µm	count	---	1079	---	---
NAS Code		---	>12	---	---
Particles >4µm		7956	5804	---	---
Particles >6µm		█1274	█896	---	---
Particles >14µm		●87	█62	---	---
ISO 4406:1999 (c)		20/17/14	20/17/13	---	---
Silicon	ppm	█8	█7	---	---
Sodium	ppm	█<1	█4	---	---
Potassium	ppm	█<1	█2	---	---

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	█12	█7	---	---
Copper	ppm	█3	█4	---	---
Lead	ppm	█2	█2	---	---
Tin	ppm	█<1	█5	---	---
Aluminum	ppm	█3	█2	---	---
Chromium	ppm	█<1	█<1	---	---
Molybdenum	ppm	█1	█<1	---	---
Nickel	ppm	█0	█0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█0	█<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█75	█78	---	---
Magnesium	ppm	█5	█14	---	---
Zinc	ppm	█436	█434	---	---
Phosphorus	ppm	█333	█378	---	---
Barium	ppm	█0	█0	---	---
Boron	ppm	█0	█2	---	---

Depot: VOLVO0093
Unique No: 11070110
Signed: Wes Davis
Report Date: 10 Jun 2024

Contact/Location: KENNY HANEY - VOLVO0093

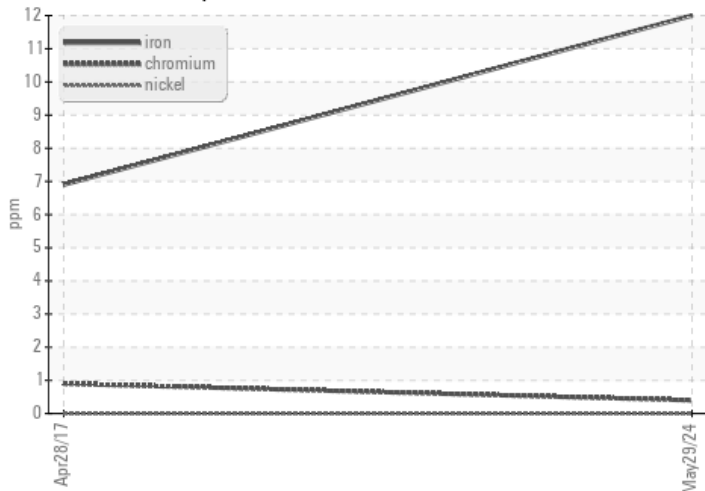


CONSTRUCTION EQUIPMENT

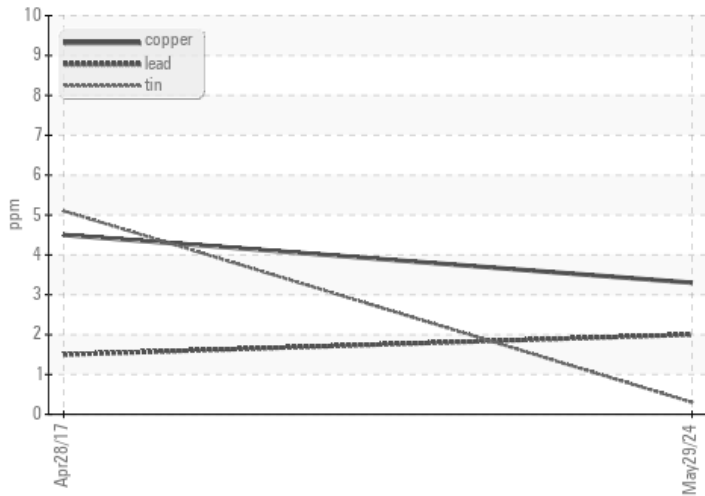


GRAPHS

Ferrous Alloys



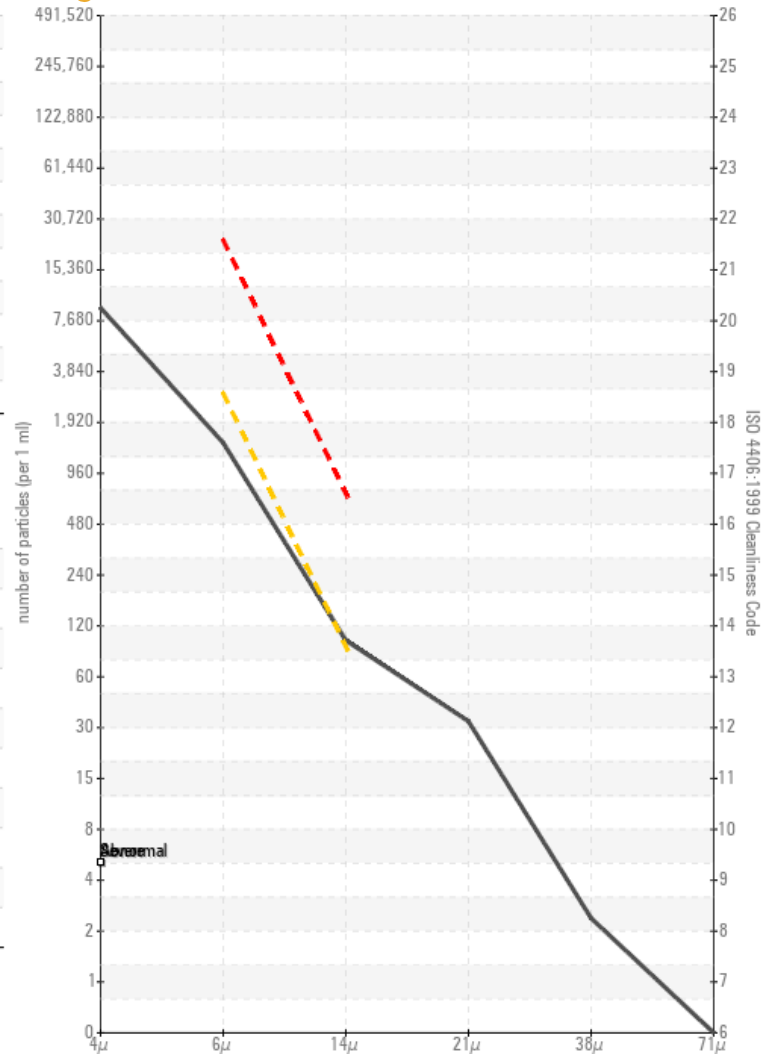
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

