



CONSTRUCTION EQUIPMENT

SWA289046 DOCF VOLVO L70H 622155 - HYDRAULIC SYSTEM



Sample No: VCP427168
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SWA289046 DOCF



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
8418 PALM RIVER ROAD
TAMPA, FL
US 33619
Contact: KENNY HANEY
khaney@flaglerce.com
T: (813)630-0077
F: (813)630-2233



SAMPLE INFORMATION

Sample Number	VCP427168	VCP327913	---	---
Sample Date	20 Jun 2023	18 Oct 2021	---	---
Machine Hours	6109	4974	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ATTENTION	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 41.5	█ 42.0	---	---
Acid Number (AN)	mg KOH/g	█ 0.36	█ 0.268	---	---



CONTAMINATION

Particles >4µm		▲ 9243	█ 3056	---	---
Particles >6µm		▲ 1566	█ 408	---	---
Particles >14µm		█ 111	█ 35	---	---
ISO 4406:1999 (c)		20/18/14	19/16/12	---	---
Silicon	ppm	█ 10	█ 9	---	---
Sodium	ppm	█ 2	█ <1	---	---
Potassium	ppm	█ 2	█ <1	---	---



WEAR METALS

Iron	ppm	█ 6	█ 4	---	---
Copper	ppm	█ 6	█ 6	---	---
Lead	ppm	█ 3	█ 3	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ 0	█ 1	---	---
Chromium	ppm	█ 3	█ 2	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 62	█ 66	---	---
Magnesium	ppm	█ 8	█ 2	---	---
Zinc	ppm	█ 396	█ 433	---	---
Phosphorus	ppm	█ 319	█ 341	---	---
Barium	ppm	█ <1	█ 0	---	---
Boron	ppm	█ 0	█ 0	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10536040
Signed: Angela Borella
Report Date: 30 Jun 2023

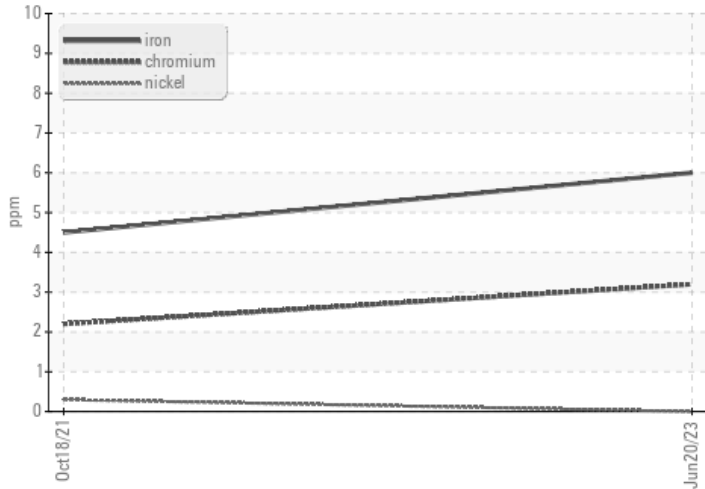


CONSTRUCTION EQUIPMENT

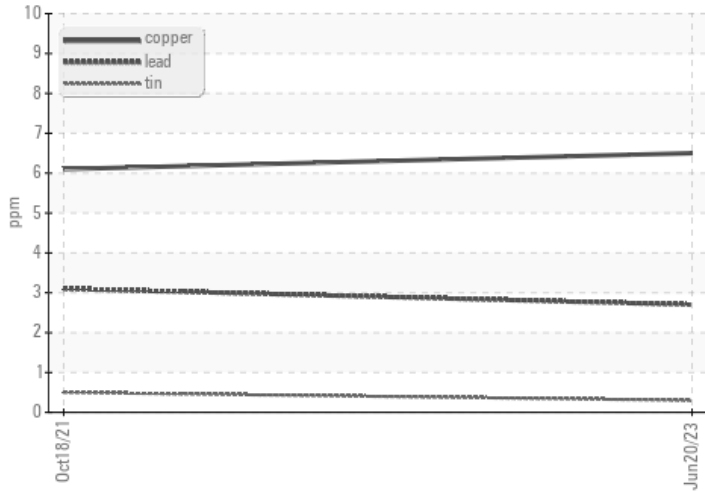


GRAPHS

Ferrous Alloys



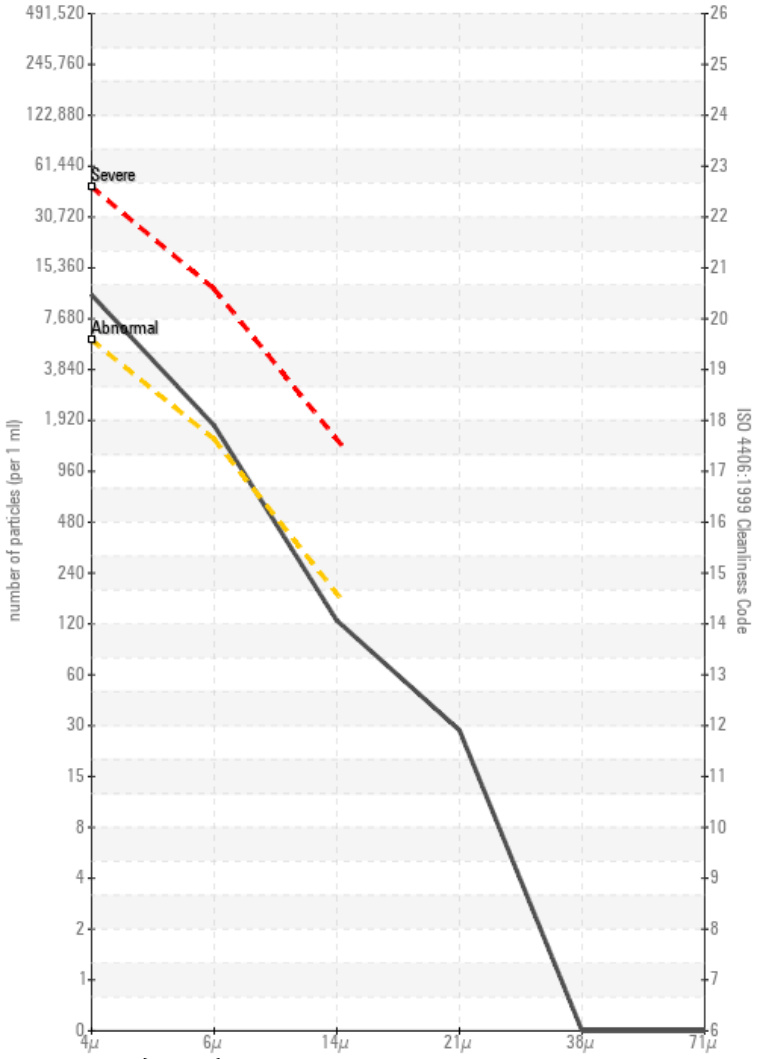
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

