



CONSTRUCTION EQUIPMENT

VOLVO EC380 314316 - HYDRAULIC SYSTEM



Sample No: VCP424404
Oil Type: VOLVO HYDRAULIC OIL ULTRA 46
Job No:



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	VCP424404	---	---	---
Sample Date	12 Jun 2023	---	---	---
Machine Hours	1278	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 43.0	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.43	---	---	---

CONTAMINATION

Particles >4µm		▲ 60414	---	---	---
Particles >6µm		■ 1299	---	---	---
Particles >14µm		■ 84	---	---	---
ISO 4406:1999 (c)		23/17/14	---	---	---
Silicon	ppm	■ 2	---	---	---
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	■ 14	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	< 1	---	---	---

ADDITIVES

Calcium	ppm	■ 50	---	---	---
Magnesium	ppm	■ < 1	---	---	---
Zinc	ppm	■ 411	---	---	---
Phosphorus	ppm	■ 367	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 0	---	---	---

Depot: VOLVO0093
Unique No: 10609481
Signed: Wes Davis
Report Date: 22 Aug 2023

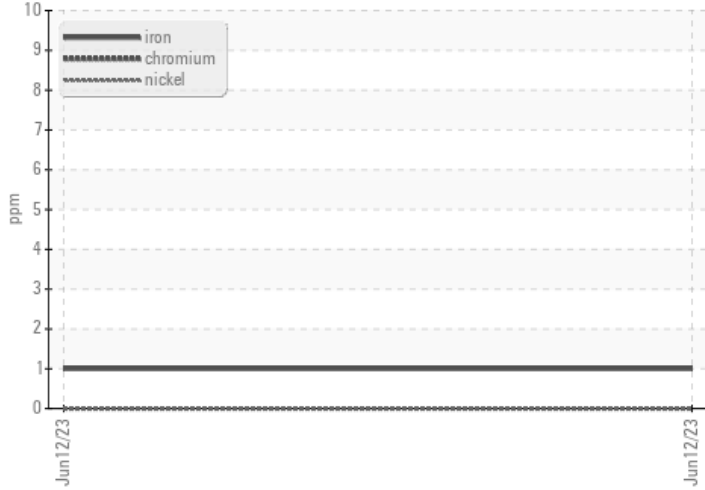


CONSTRUCTION EQUIPMENT

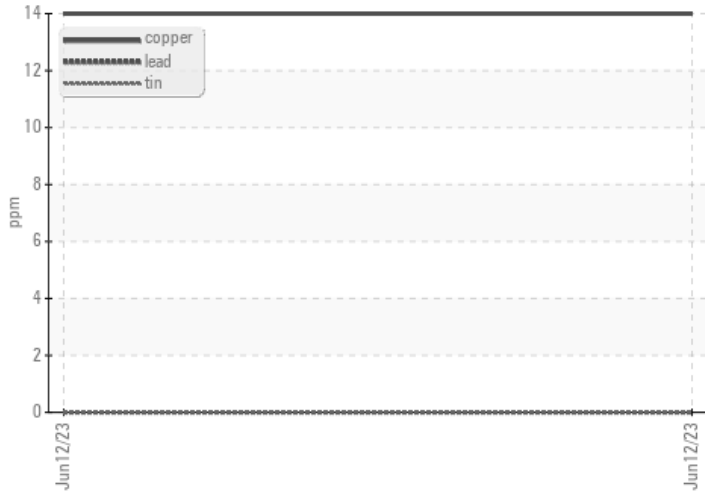


VOLVO GRAPHS

Ferrous Alloys



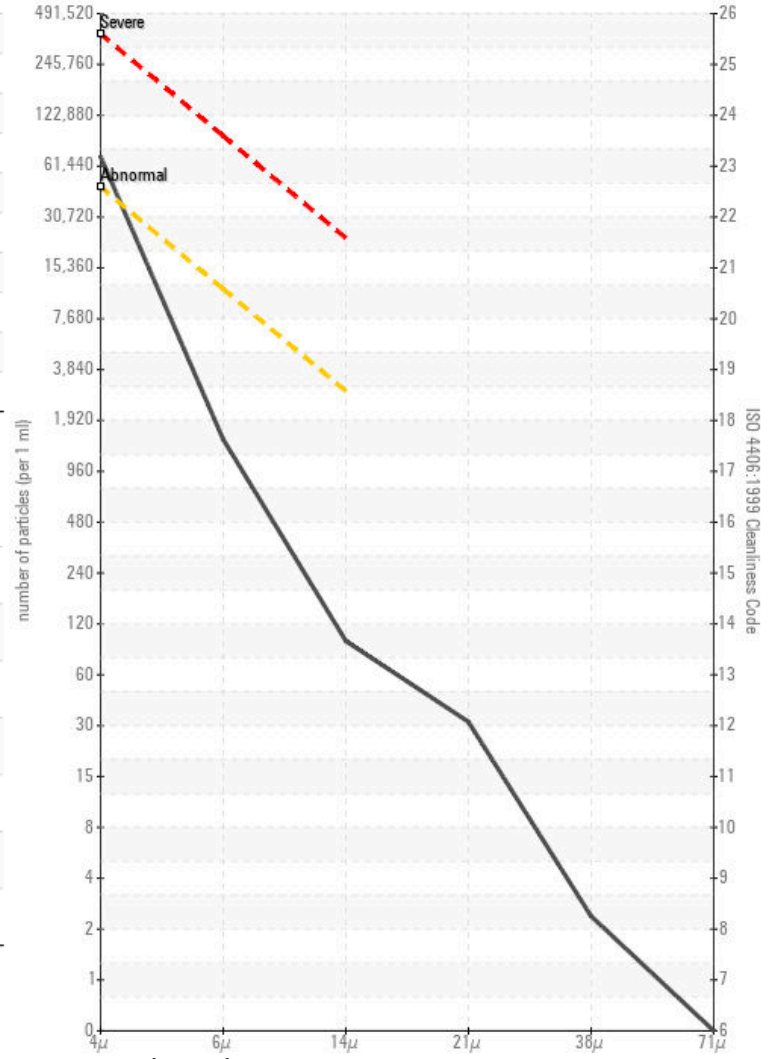
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

