



CONSTRUCTION EQUIPMENT

VOLVO SD115B 237090 - HYDRAULIC SYSTEM



Sample No: VCP401175
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No:



SAMPLE INFORMATION

Sample Number	VCP401175	---	---	---
Sample Date	20 Sep 2023	---	---	---
Machine Hours	1540	---	---	---
Oil Hours	1540	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.com
 T:
 F: (239)481-3302



OIL CONDITION

Visc @ 40°C	cSt	█ 43.6	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.16	---	---	---



CONTAMINATION

Particles >4µm		▲ 16575	---	---	---
Particles >6µm		▲ 3580	---	---	---
Particles >14µm		█ 148	---	---	---
ISO 4406:1999 (c)		21/19/14	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 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 high 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 acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 13	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 6	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 92	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 95	---	---	---
Phosphorus	ppm	█ 148	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO0090
Unique No: 10659323
Signed: Don Baldrige
Report Date: 23 Sep 2023

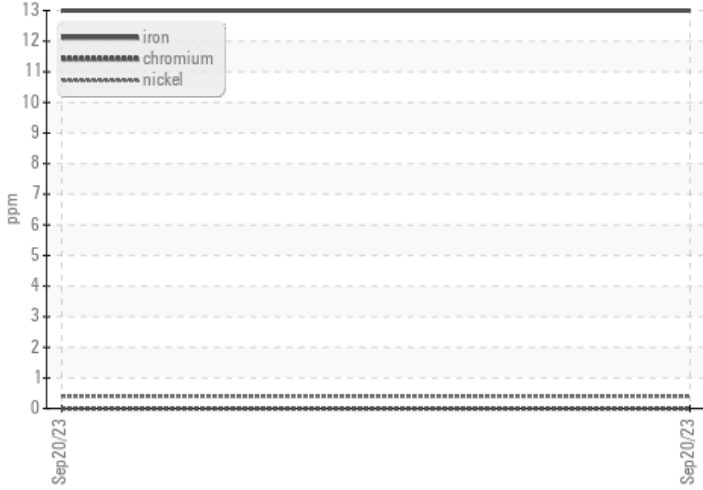


CONSTRUCTION EQUIPMENT

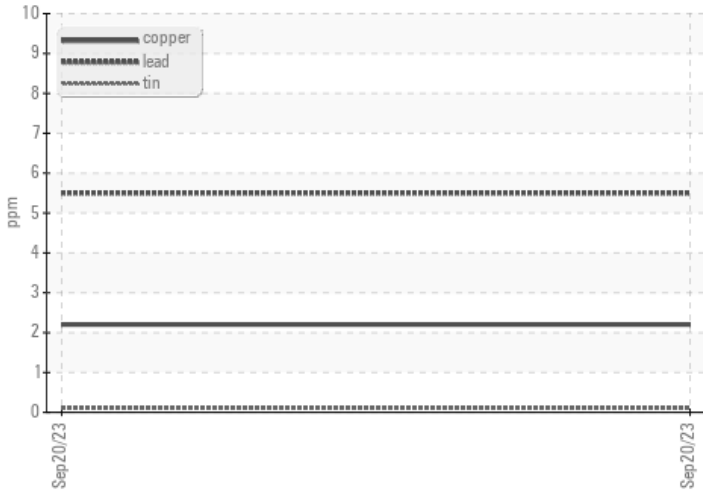


VOLVO GRAPHS

Ferrous Alloys



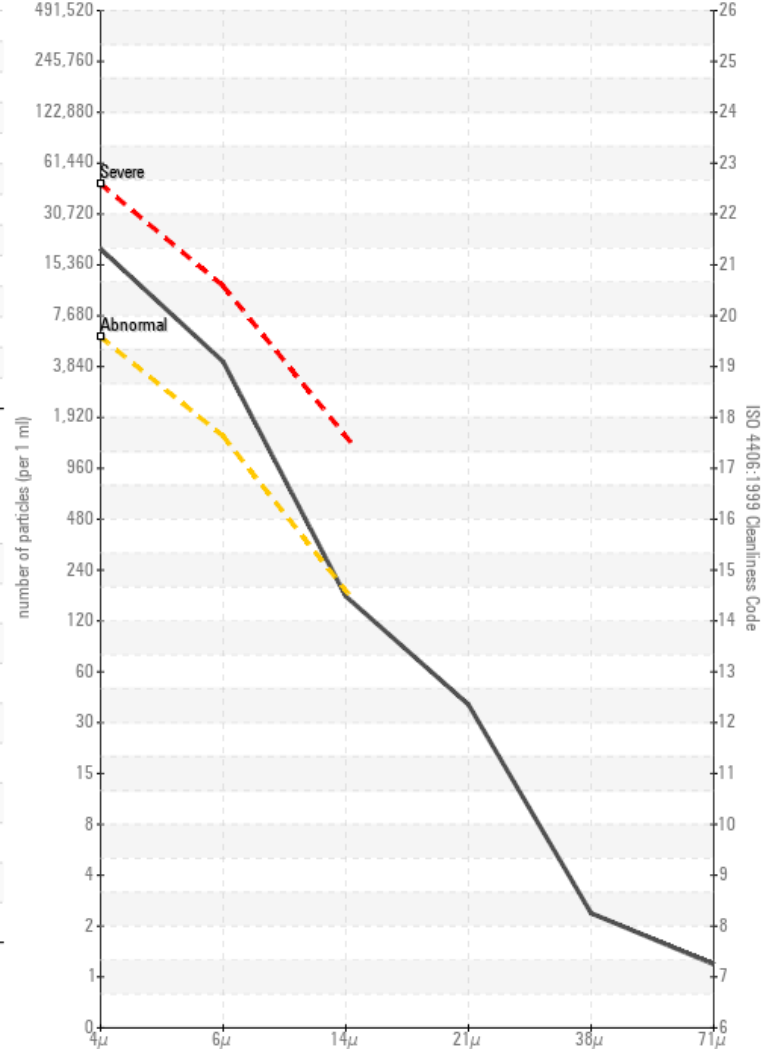
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

