



CONSTRUCTION EQUIPMENT

67338 A CUT ABOVE VOLVO 200E 314999 - HYDRAULIC SYSTEM



Sample No: VCP411976
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: 67338 A CUT ABOVE



SAMPLE INFORMATION

Sample Number	VCP411976	---	---	---
Sample Date	17 Nov 2023	---	---	---
Machine Hours	469	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

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 15101 ALABAMA HWY 20
 MADISON, AL
 US 35756
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OIL CONDITION

Visc @ 40°C	cSt	█ 42.5	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.44	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 5063	---	---	---
Particles >6µm		▲ 1927	---	---	---
Particles >14µm		▲ 251	---	---	---
ISO 4406:1999 (c)		20/18/15	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---

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



ADDITIVES

Calcium	ppm	█ 53	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 510	---	---	---
Phosphorus	ppm	█ 358	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: COWMAD
Unique No: 10749847
Signed: Wes Davis
Report Date: 20 Nov 2023

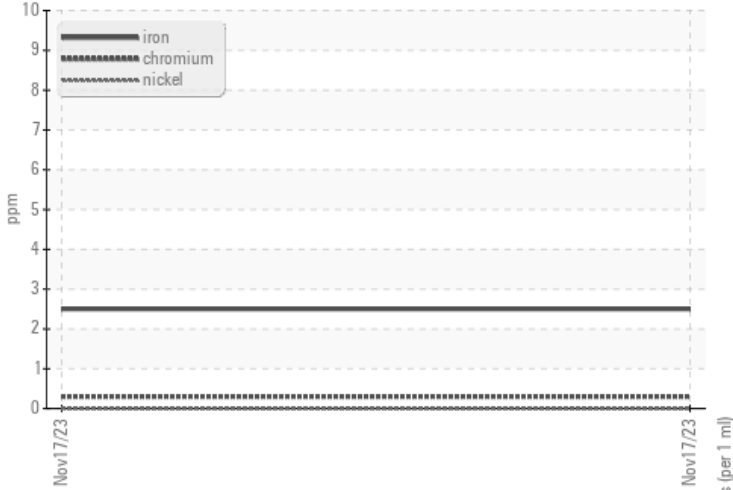


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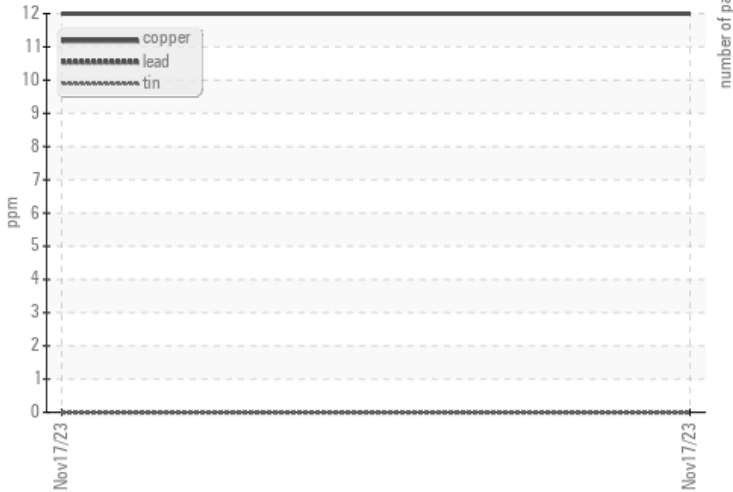


GRAPHS

Ferrous Alloys



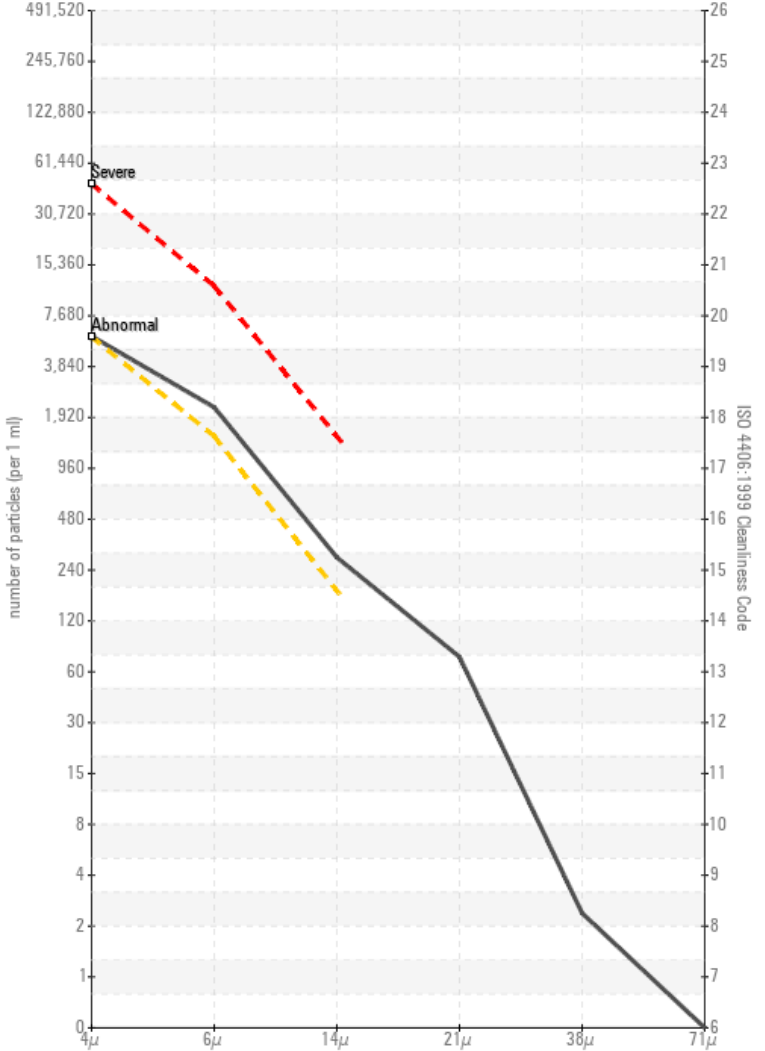
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

