



CONSTRUCTION EQUIPMENT

SWA353593 USED EQUIP VOLVO EC380EL 310235 - HYDRAULIC SYSTEM



Sample No: VCP410325
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: SWA353593 USED EQUIP



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 5000 INDUSTRIAL HWY
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 F:

SAMPLE INFORMATION

Sample Number	VCP410325	---	---	---
Sample Date	05 Sep 2023	---	---	---
Machine Hours	7427	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 52.8	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.48	---	---	---

CONTAMINATION

Particles >4µm		▲ 106936	---	---	---
Particles >6µm		▲ 42029	---	---	---
Particles >14µm		▲ 4619	---	---	---
ISO 4406:1999 (c)		24/23/19	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

WEAR METALS

Iron	ppm	█ 15	---	---	---
Copper	ppm	█ 17	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 105	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 572	---	---	---
Phosphorus	ppm	█ 455	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	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 high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: VOLVO8885
Unique No: 10636245
Signed: Don Baldrige
Report Date: 11 Sep 2023

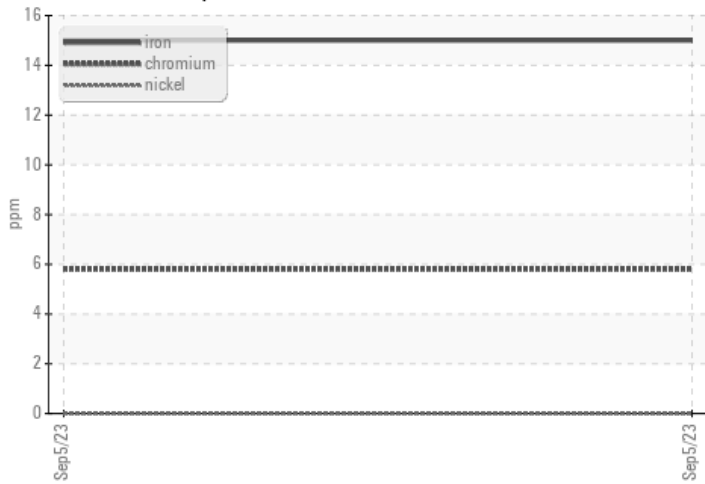


CONSTRUCTION EQUIPMENT

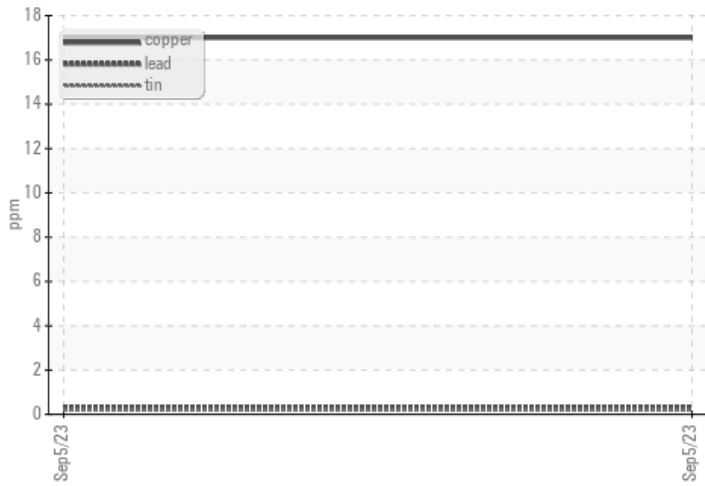


GRAPHS

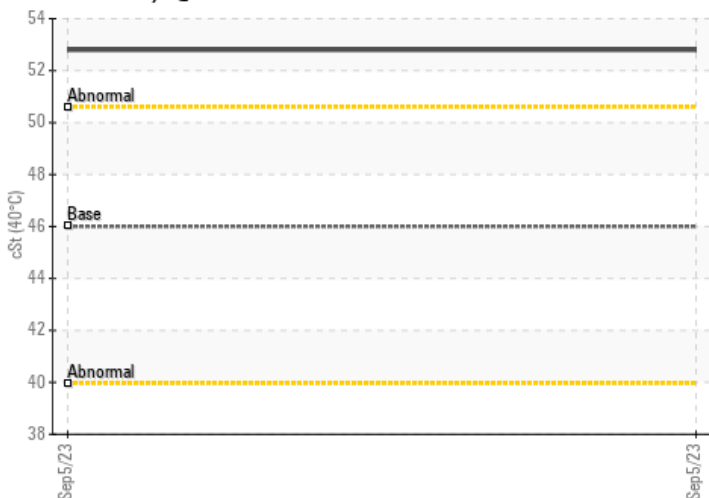
Ferrous Alloys



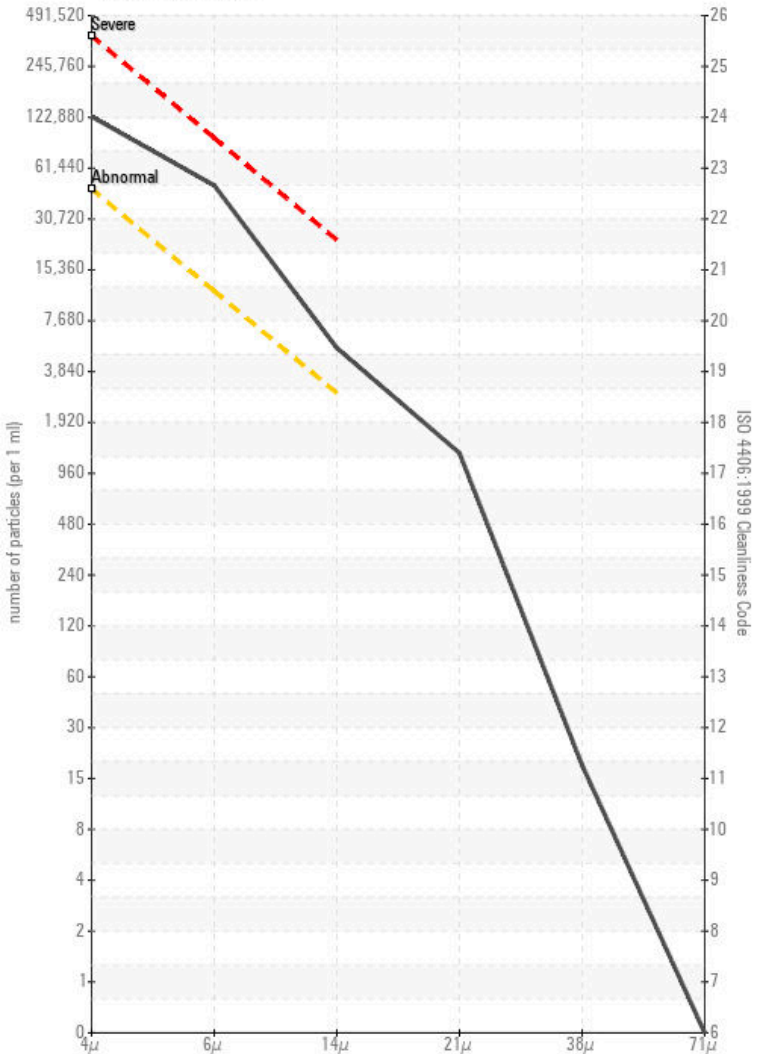
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

