



CONSTRUCTION EQUIPMENT

SWA413501 TYLER EQUI SENNOBOGEN 835 835.0.2289 - HYDRAULIC SYSTEM



Sample No: VCP414801
Oil Type: AW HYDRAULIC OIL ISO 46
Job No: SWA413501 TYLER EQUI



SAMPLE INFORMATION

Sample Number	VCP414801	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	7801	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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5000 INDUSTRIAL HWY
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US 46406
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F:

OIL CONDITION

Visc @ 40°C	cSt	39.5	---	---	---
Acid Number (AN)	mg KOH/g	0.52	---	---	---

CONTAMINATION

Particles >4µm		▲ 18831	---	---	---
Particles >6µm		▲ 4072	---	---	---
Particles >14µm		▲ 323	---	---	---
ISO 4406:1999 (c)		21/19/16	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ <1	---	---	---
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 particulates 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	■ 22	---	---	---
Copper	ppm	■ 12	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 8	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 615	---	---	---
Magnesium	ppm	■ 11	---	---	---
Zinc	ppm	■ 475	---	---	---
Phosphorus	ppm	■ 444	---	---	---
Barium	ppm	■ 7	---	---	---
Boron	ppm	■ 0	---	---	---

Depot: VOLVO8885
Unique No: 10742811
Signed: Don Baldrige
Report Date: 19 Nov 2023

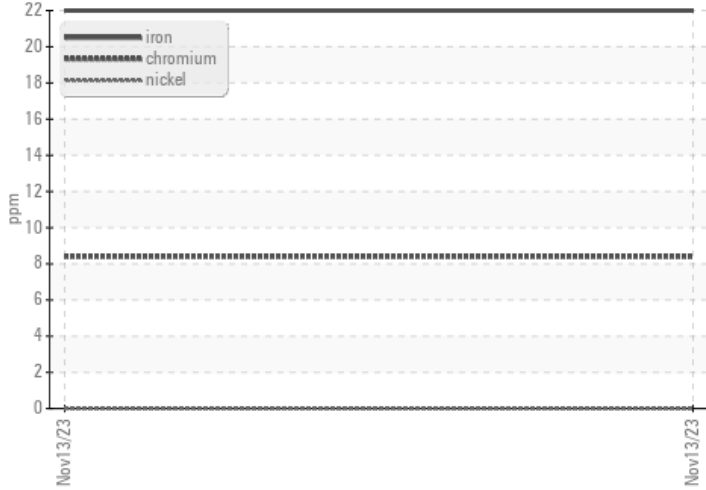


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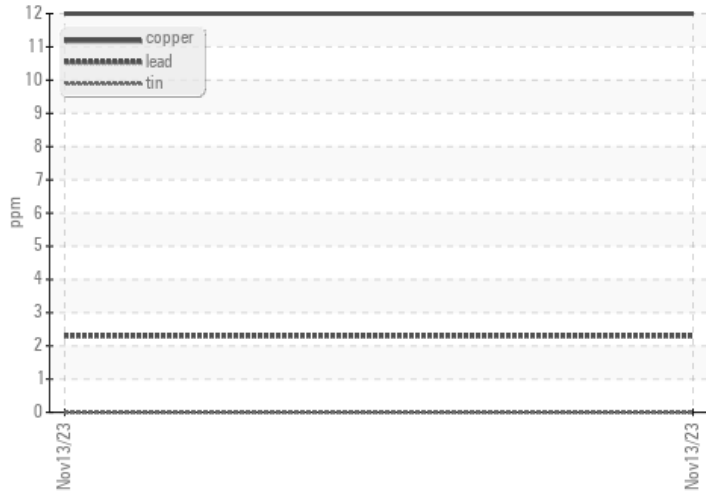


GRAPHS

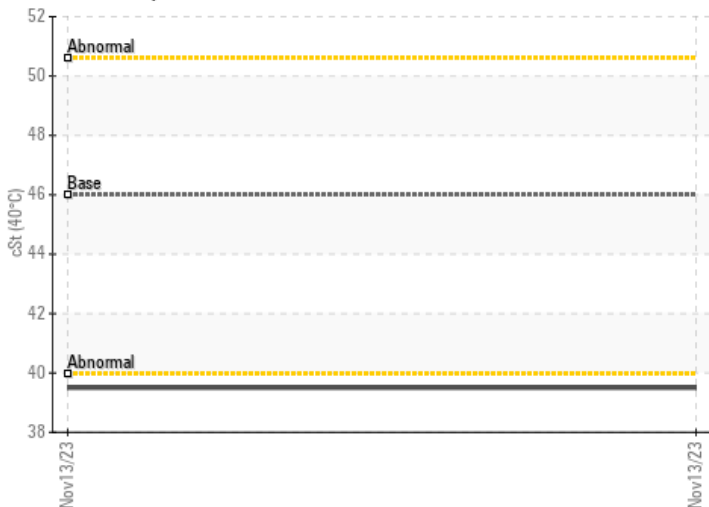
Ferrous Alloys



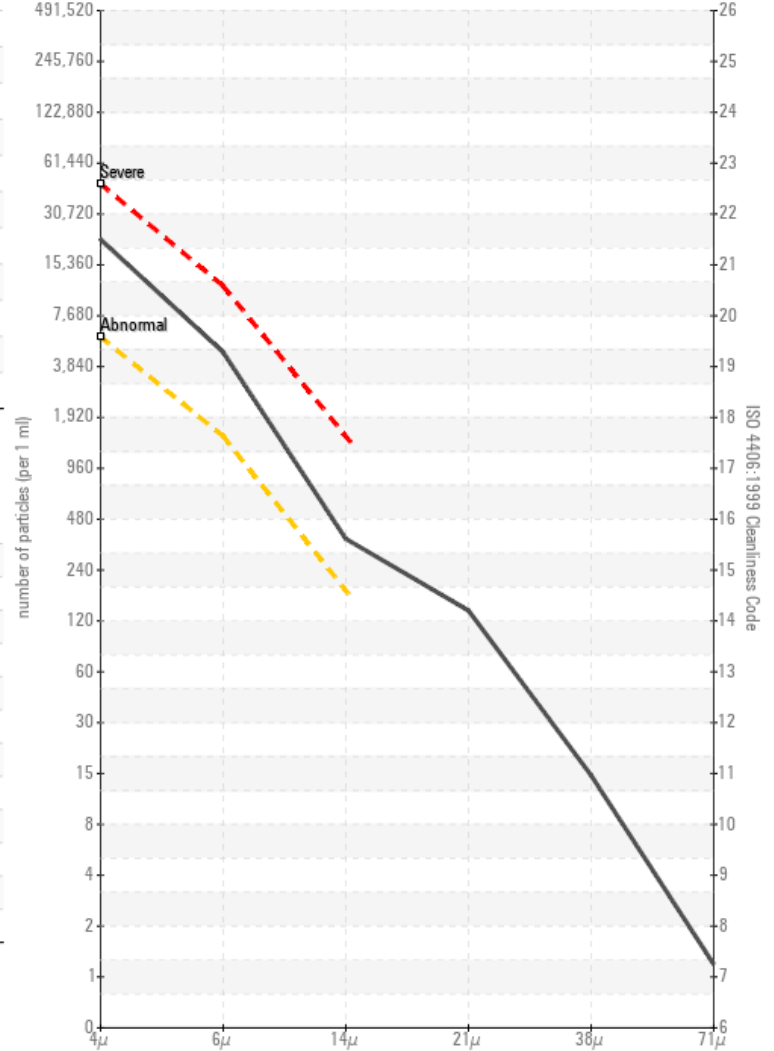
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

