



CONSTRUCTION EQUIPMENT

SPM580766 SENNEBOGEN 825M 825.0.3853 - HYDRAULIC SYSTEM



Sample No: VCP420055
Oil Type: VOLVO SUPER HYDRAULIC OIL 46
Job No: SPM580766



SAMPLE INFORMATION

Sample Number	VCP420055	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	636	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:

OIL CONDITION

Visc @ 40°C	cSt	■ 42.1	---	---	---
Acid Number (AN)	mg KOH/g	■ 1.14	---	---	---

CONTAMINATION

Particles >4µm		▲ 12222	---	---	---
Particles >6µm		▲ 2152	---	---	---
Particles >14µm		■ 51	---	---	---
ISO 4406:1999 (c)		21/18/13	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

We recommend you service the filters on this component if applicable. 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	■ 2	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 1266	---	---	---
Magnesium	ppm	■ 7	---	---	---
Zinc	ppm	■ 627	---	---	---
Phosphorus	ppm	■ 526	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 0	---	---	---

Depot: VOLVO8885
Unique No: 10586381
Signed: Doug Bogart
Report Date: 08 Aug 2023

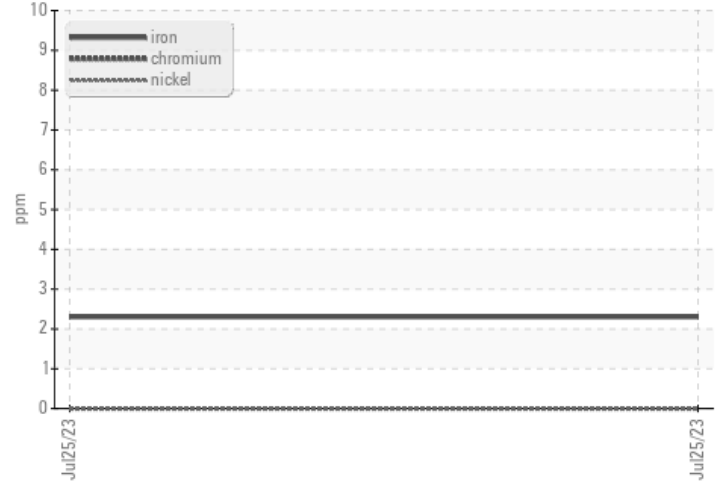


CONSTRUCTION EQUIPMENT

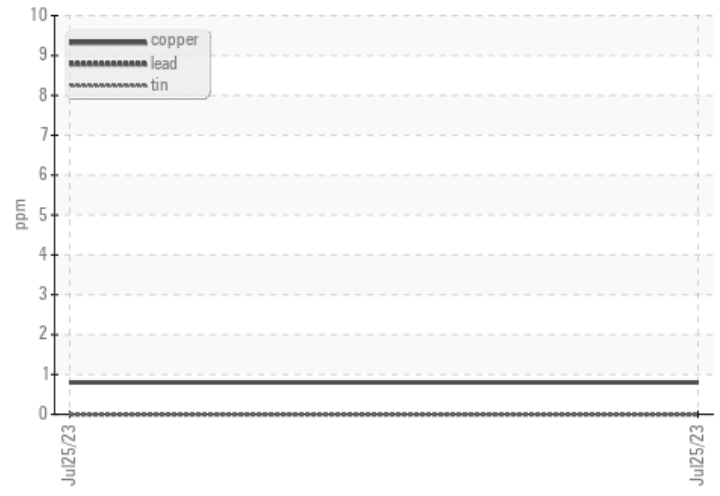


GRAPHS

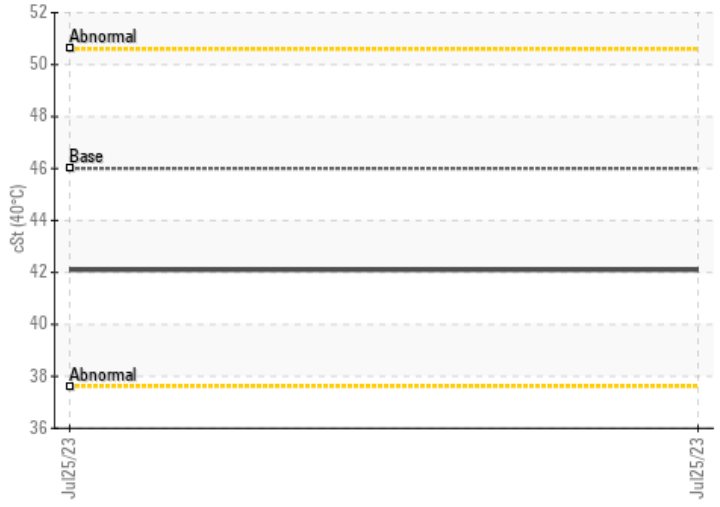
Ferrous Alloys



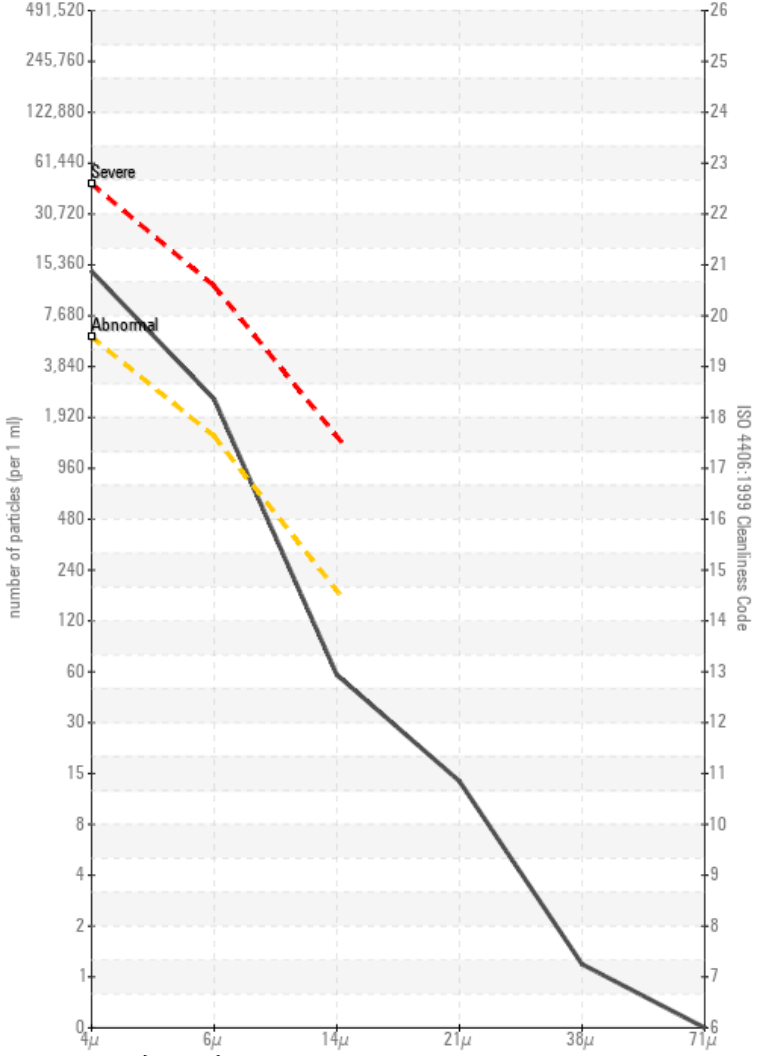
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

