



CONSTRUCTION EQUIPMENT

UNITED SCRAP SENNEBOGEN 835 835.0.2725 - HYDRAULIC SYSTEM



Sample No: VCP442183
Oil Type: SENNEBOGEN HO46
Job No: UNITED SCRAP



SAMPLE INFORMATION

Sample Number	VCP442183	VCP401559	---	---
Sample Date	24 Oct 2023	25 Apr 2023	---	---
Machine Hours	8520	7216	---	---
Oil Hours	2000	2000	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	SEVERE	---	---

GREEN MACHINE SERVICES LLC
13 SPYROS DRIVE
SOUTH AMBOY, NJ
US 08879
Contact: JOE GRZANKOWSKI
JOE@GREENMSRV.COM
T: (732)673-5920
F:

OIL CONDITION

Visc @ 40°C	cSt	42.06	42.8	---	---
Acid Number (AN)	mg KOH/g	0.84	0.75	---	---

CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		▲ 17443	● 40875	---	---
Particles >6µm		▲ 6467	▲ 5996	---	---
Particles >14µm		▲ 618	■ 115	---	---
ISO 4406:1999 (c)		21/20/16	23/20/14	---	---
Silicon	ppm	■ 2	■ 2	---	---
Sodium	ppm	■ 7	■ <1	---	---
Potassium	ppm	■ <1	■ 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 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	■ 11	■ 8	---	---
Copper	ppm	■ 3	■ 3	---	---
Lead	ppm	■ <1	■ 1	---	---
Tin	ppm	■ 0	■ 0	---	---
Aluminum	ppm	■ 0	■ 0	---	---
Chromium	ppm	■ <1	■ <1	---	---
Molybdenum	ppm	4	5	---	---
Nickel	ppm	■ 0	■ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	456	509	---	---
Magnesium	ppm	62	64	---	---
Zinc	ppm	684	661	---	---
Phosphorus	ppm	521	508	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Depot: GRESOUNJ
Unique No: 10756406
Signed: Jonathan Hester
Report Date: 01 Dec 2023

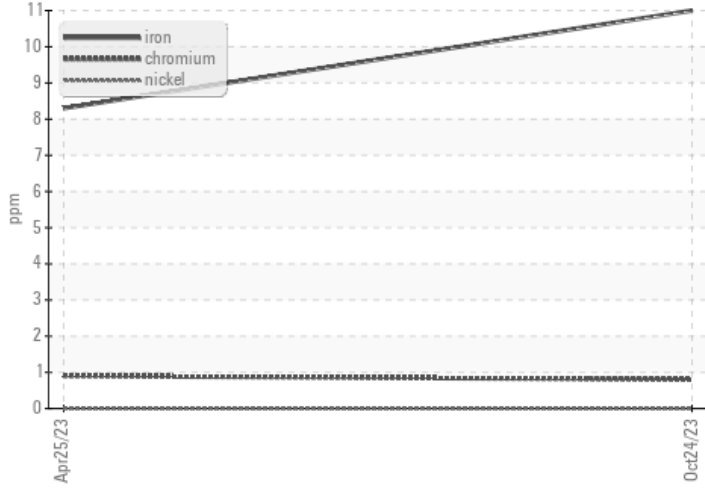


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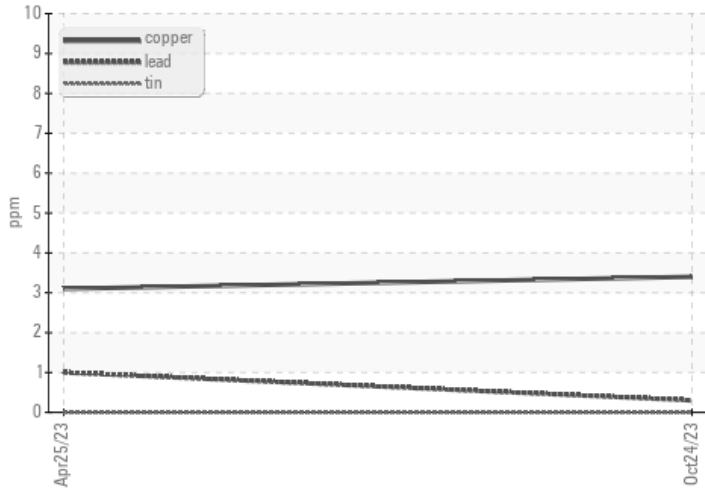


GRAPHS

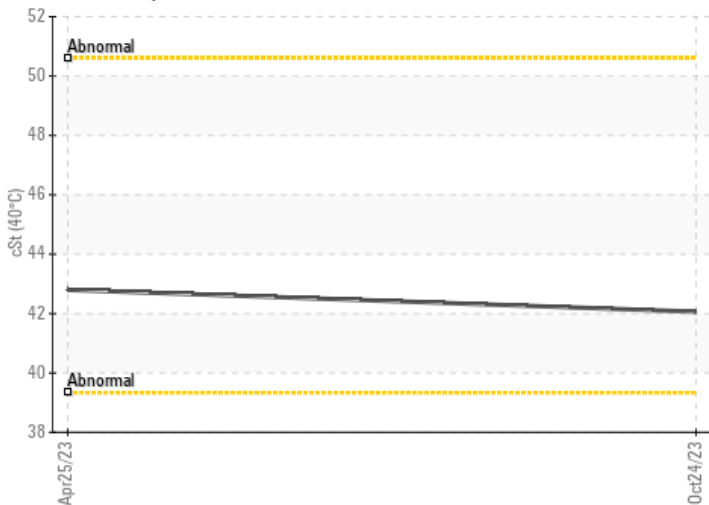
Ferrous Alloys



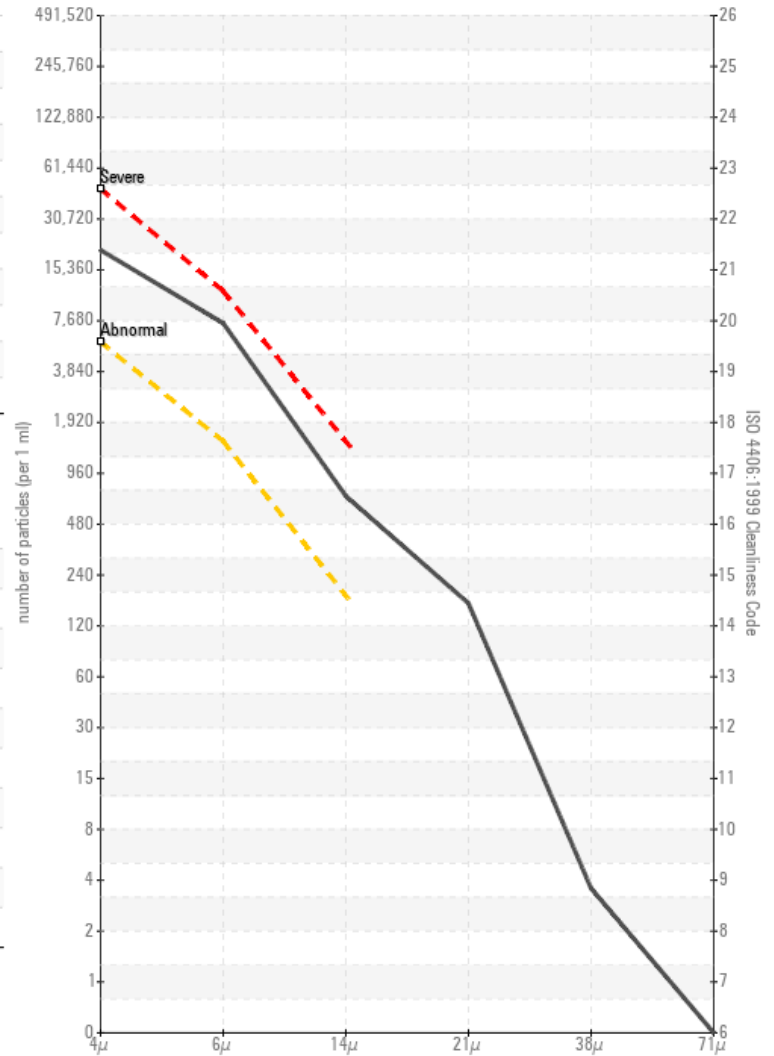
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

