



CONSTRUCTION EQUIPMENT

UNITED SCRAP & IRON SENNEBOGEN 835 835.0.2866 - HYDRAULIC SYSTEM



Sample No: VCP431374
Oil Type: SENNEBOGEN HO46
Job No: UNITED SCRAP & IRON



SAMPLE INFORMATION

Sample Number	VCP431374	---	---	---
Sample Date	16 Nov 2023	---	---	---
Machine Hours	6354	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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	■ 39.4	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.84	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		■ 4589	---	---	---
Particles >6µm		■ 896	---	---	---
Particles >14µm		■ 71	---	---	---
ISO 4406:1999 (c)		19/17/13	---	---	---
Silicon	ppm	■ <1	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	■ 11	---	---	---
Copper	ppm	■ 5	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	381	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	770	---	---	---
Phosphorus	ppm	576	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: GRESOUNJ
Unique No: 10756408
Signed: Wes Davis
Report Date: 28 Nov 2023

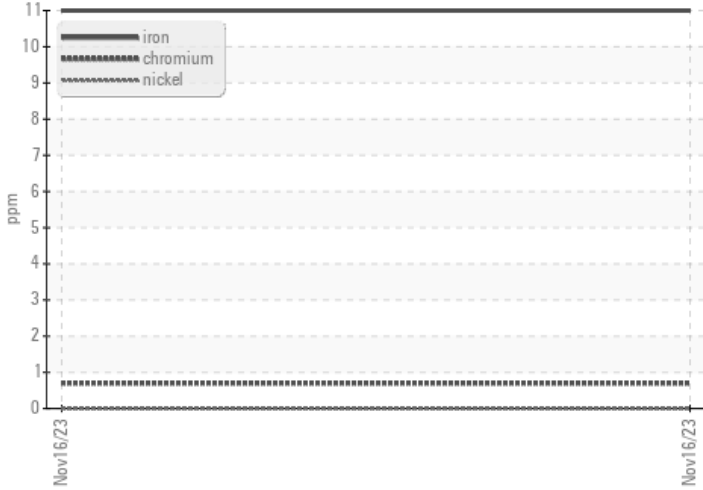


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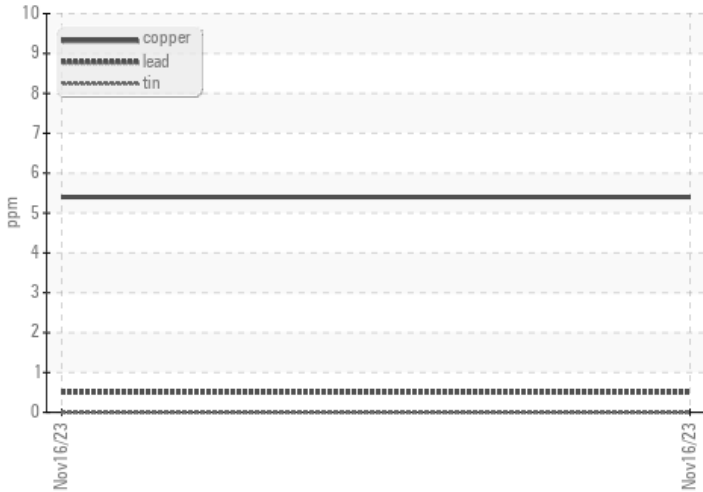


GRAPHS

Ferrous Alloys



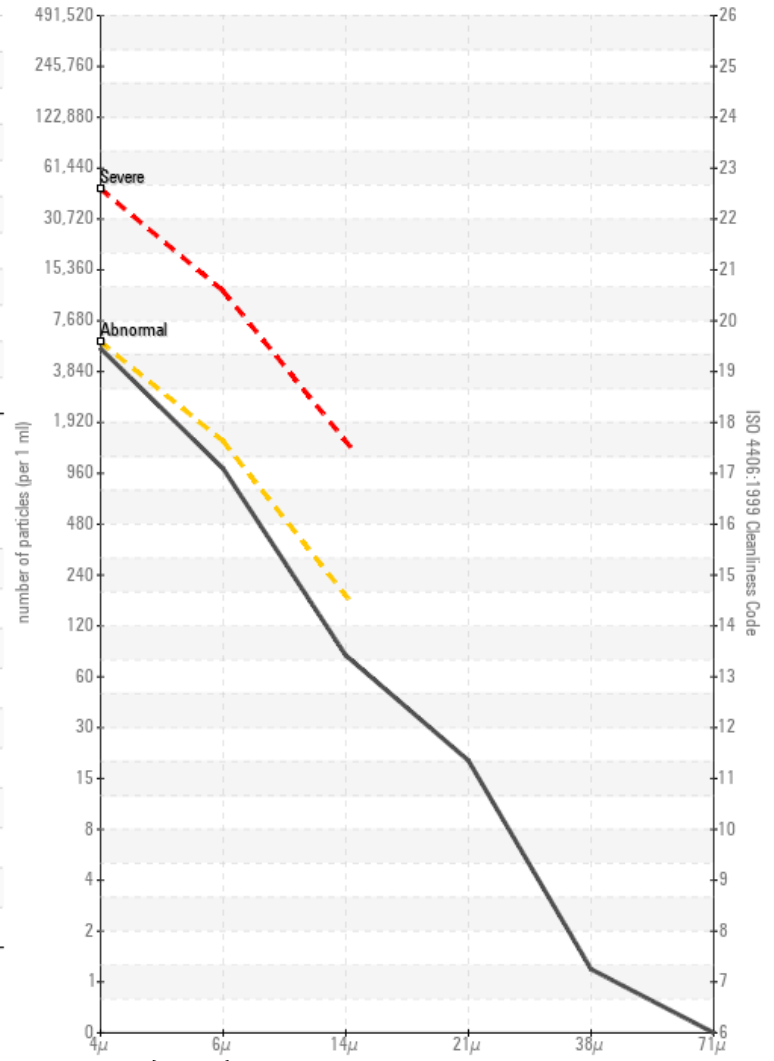
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

