



CONSTRUCTION EQUIPMENT

AMG SENNEBOGEN 830 830.0.3462 - HYDRAULIC SYSTEM



Sample No: VCP407078
Oil Type: SENNEBOGEN HO46
Job No: AMG



SAMPLE INFORMATION

Sample Number	VCP407078	---	---	---
Sample Date	07 Dec 2023	---	---	---
Machine Hours	1441	---	---	---
Oil Hours	1441	---	---	---
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	█ 35.6	---	---	---
Acid Number (AN)	mg KOH/g	█ 1.07	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 1299	---	---	---
Particles >6µm		█ 384	---	---	---
Particles >14µm		█ 30	---	---	---
ISO 4406:1999 (c)		17/16/12	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
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	1195	---	---	---
Magnesium	ppm	5	---	---	---
Zinc	ppm	696	---	---	---
Phosphorus	ppm	583	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: GRESOUNJ
Unique No: 10835618
Signed: Doug Bogart
Report Date: 22 Jan 2024

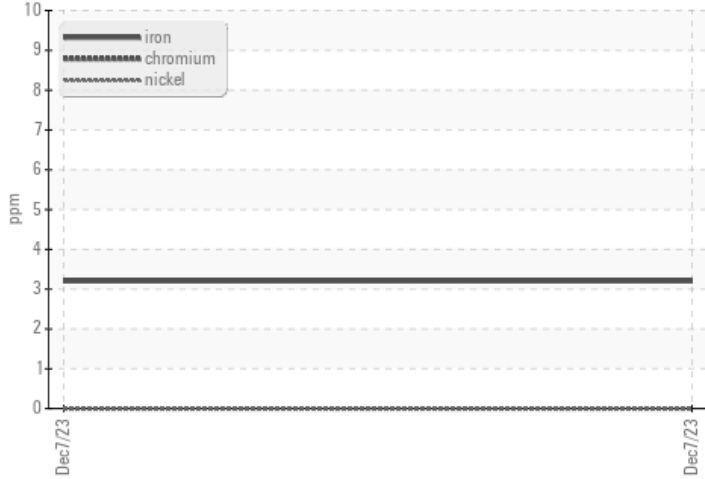


CONSTRUCTION EQUIPMENT

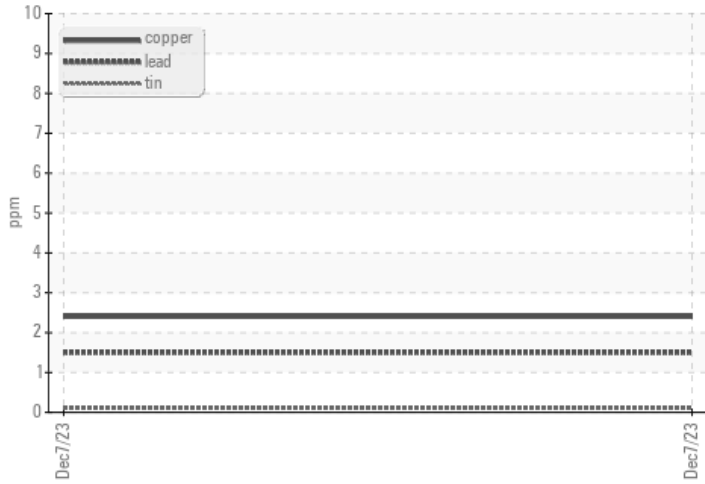


GRAPHS

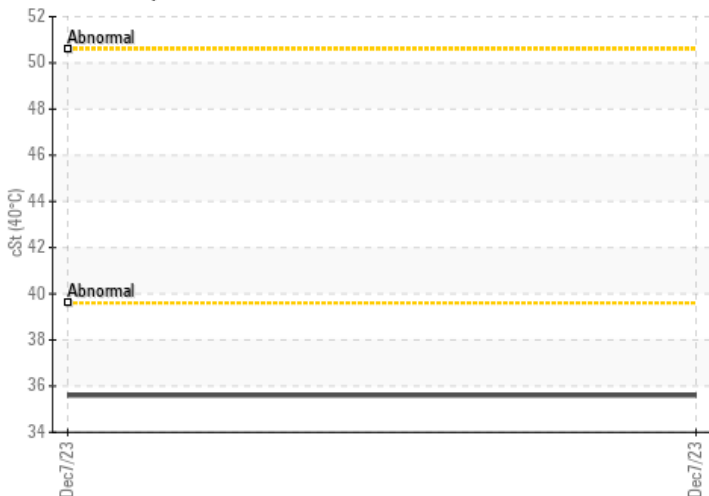
Ferrous Alloys



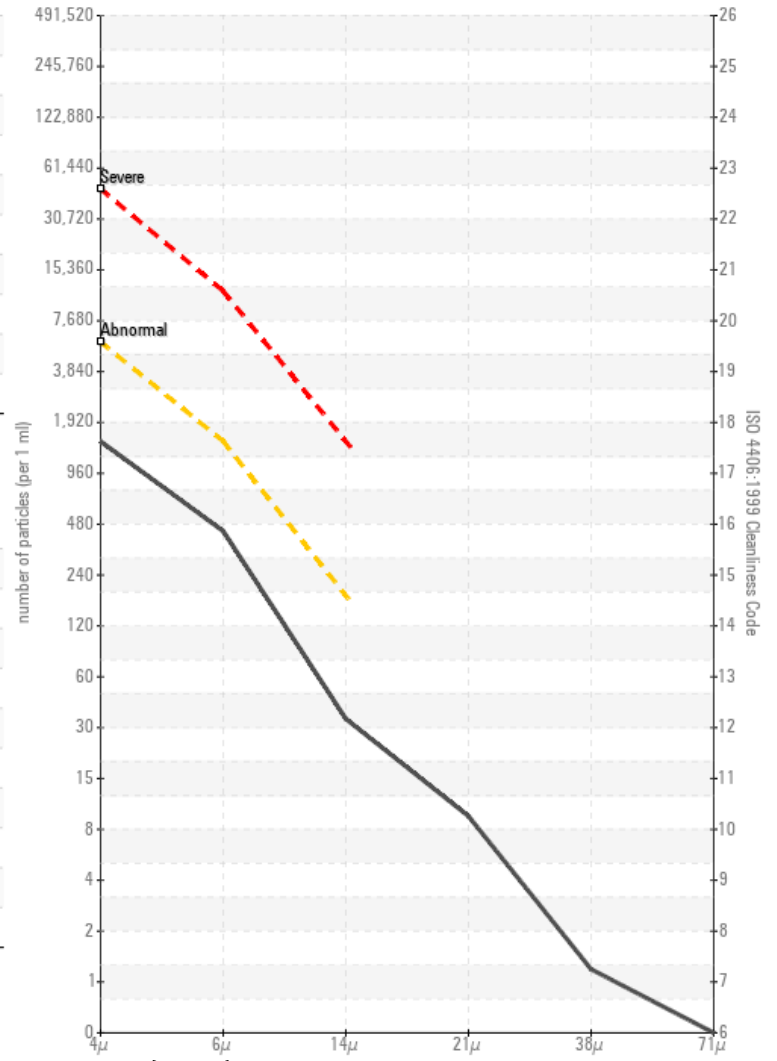
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

