



# CONSTRUCTION EQUIPMENT

GAETE RECYCLING SENNEBOGEN 825 825.0.3888 - HYDRAULIC SYSTEM



**Sample No:** VCP416463  
**Oil Type:** SENNEBOGEN HO46  
**Job No:** GAETE RECYCLING



## SAMPLE INFORMATION

Sample Number	VCP416463	---	---	---
Sample Date	11 Dec 2023	---	---	---
Machine Hours	958	---	---	---
Oil Hours	958	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

### 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	█ 41.3	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.90	---	---	---



## CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 16414	---	---	---
Particles >6µm		▲ 3850	---	---	---
Particles >14µm		█ 155	---	---	---
ISO 4406:1999 (c)		21/19/14	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

## Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



## WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	796	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	607	---	---	---
Phosphorus	ppm	528	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

**Depot:** GRESOUNJ

**Unique No:** 10835617

**Signed:** Wes Davis

**Report Date:** 19 Jan 2024

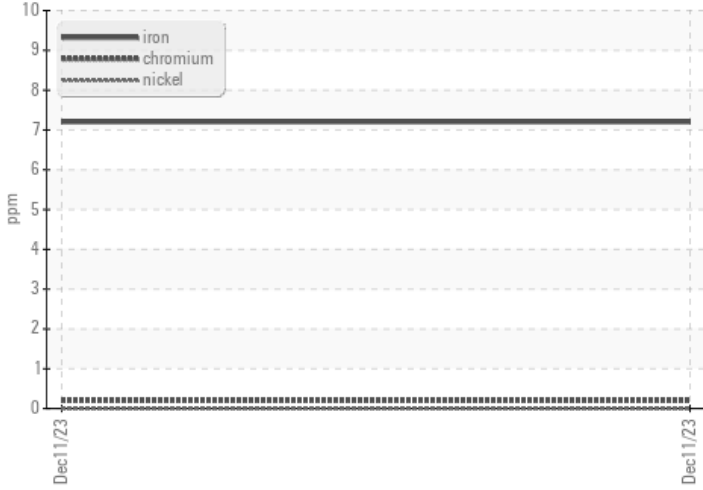


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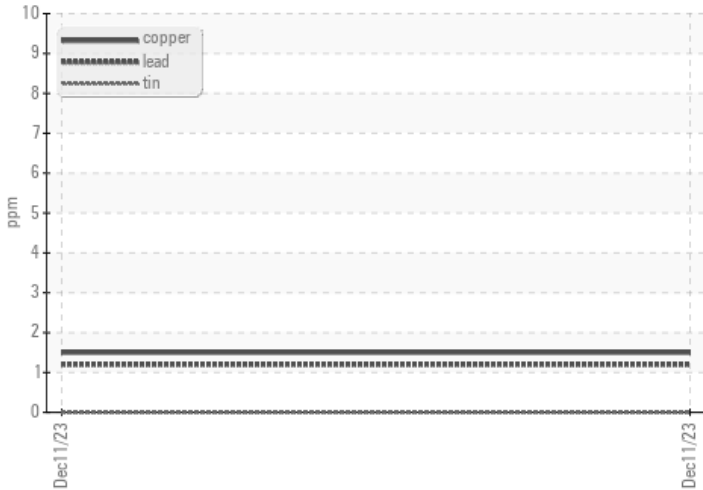


## VOLVO GRAPHS

### Ferrous Alloys



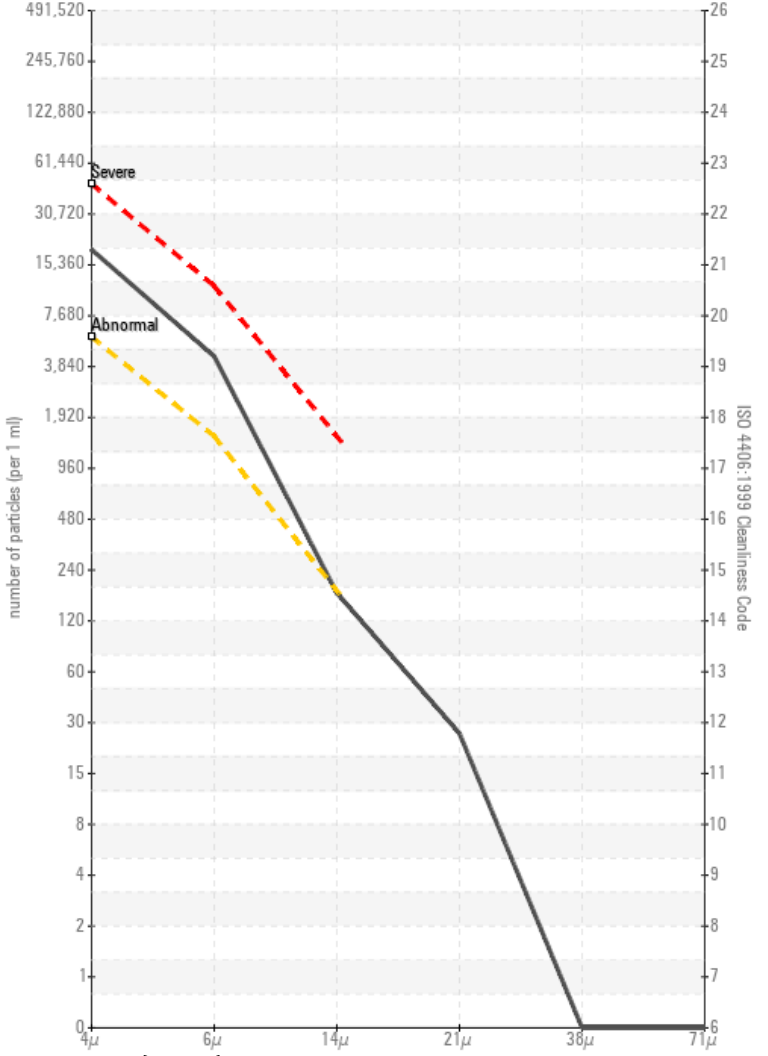
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

