



# CONSTRUCTION EQUIPMENT

## SENNEBOGEN 850ME 850.0.3 148 - HYDRAULIC SYSTEM



**Sample No:** VCP430813  
**Oil Type:** SENNEBOGEN HO46  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP430813	---	---	---
Sample Date	04 Jan 2024	---	---	---
Machine Hours	1669	---	---	---
Oil Hours	1669	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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 13 SPYROS DRIVE  
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 F:



### OIL CONDITION

Visc @ 40°C	cSt	▲ 34.07	---	---	---
Acid Number (AN)	mg KOH/g	■ 1.06	---	---	---



### CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		▲ 7266	---	---	---
Particles >6µm		▲ 1483	---	---	---
Particles >14µm		▲ 183	---	---	---
ISO 4406:1999 (c)		20/18/15	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 0	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of particulates present in the oil. Viscosity of sample indicates oil is within ISO 32 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid.



### WEAR METALS

Iron	ppm	■ 11	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	< 1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	1231	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	665	---	---	---
Phosphorus	ppm	666	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	13	---	---	---

**Depot:** GRESOUNJ  
**Unique No:** 10821822  
**Signed:** Jonathan Hester  
**Report Date:** 11 Jan 2024

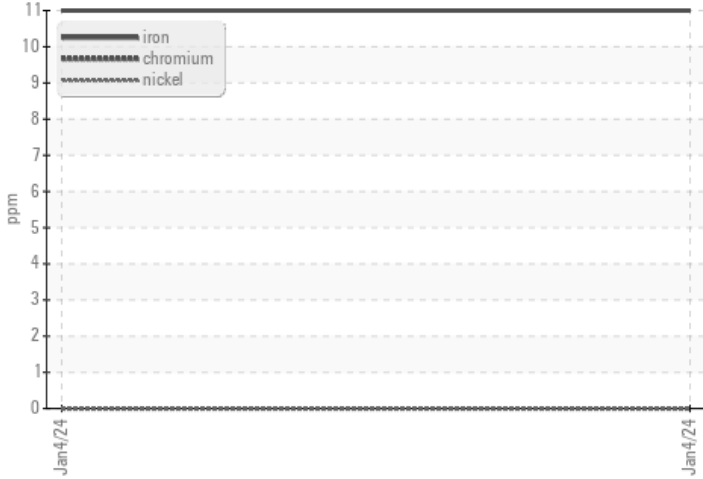


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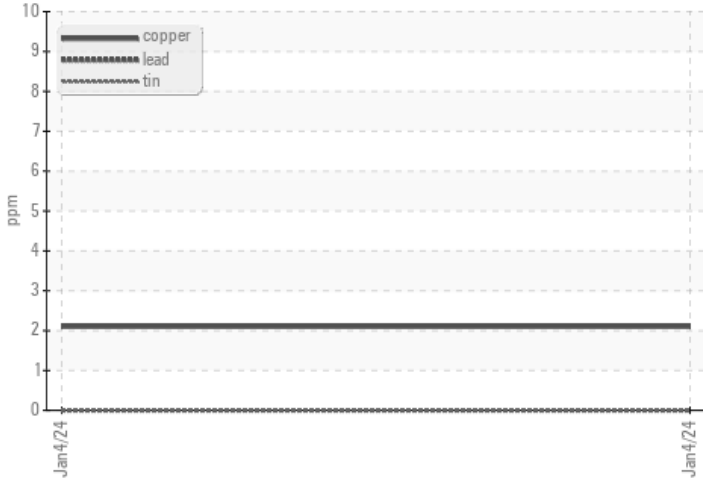


## GRAPHS

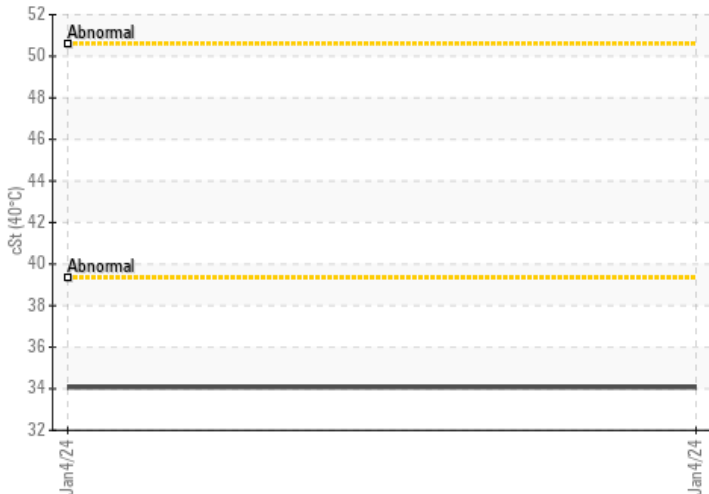
### Ferrous Alloys



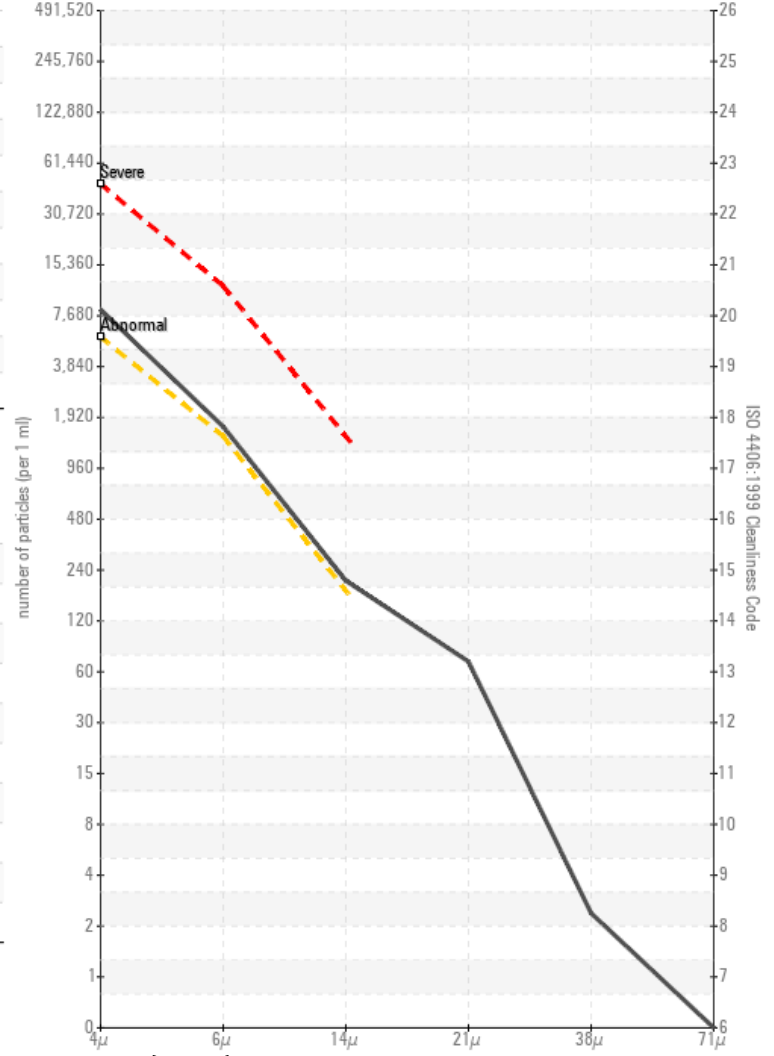
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

