



CONSTRUCTION EQUIPMENT

SENNEBOGEN 835M 835.0.2888 - HYDRAULIC SYSTEM



Sample No: VCP398018
Oil Type: OIL PRO AW 68
Job No:



SAMPLE INFORMATION

Sample Number	VCP398018	VCP0007166	---	---
Sample Date	21 Jun 2023	04 Feb 2023	---	---
Machine Hours	3129	2462	---	---
Oil Hours	0	2462	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

COMMERCIAL METALS COMPANY
 410 ATANDO AVE
 CHARLOTTE, NC
 US 28206
 Contact: JOHN PELOSO
 john.peloso@cmc.com
 T: (813)613-5034
 F:



OIL CONDITION

Visc @ 40°C	cSt	36.9	39.6	---	---
Acid Number (AN)	mg KOH/g	1.02	1.06	---	---



CONTAMINATION

Particles >4µm		2113	9895	---	---
Particles >6µm		360	1661	---	---
Particles >14µm		43	39	---	---
ISO 4406:1999 (c)		18/16/13	20/18/12	---	---
Silicon	ppm	6	4	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	1	<1	---	---

Diagnosis

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. 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 acceptable for the time in service.



WEAR METALS

Iron	ppm	12	7	---	---
Copper	ppm	13	6	---	---
Lead	ppm	<1	2	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	3	1	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	817	1015	---	---
Magnesium	ppm	13	8	---	---
Zinc	ppm	605	574	---	---
Phosphorus	ppm	486	497	---	---
Barium	ppm	0	0	---	---
Boron	ppm	1	0	---	---

Depot: COMCHAVC
Unique No: 10537866
Signed: Angela Borella
Report Date: 06 Jul 2023

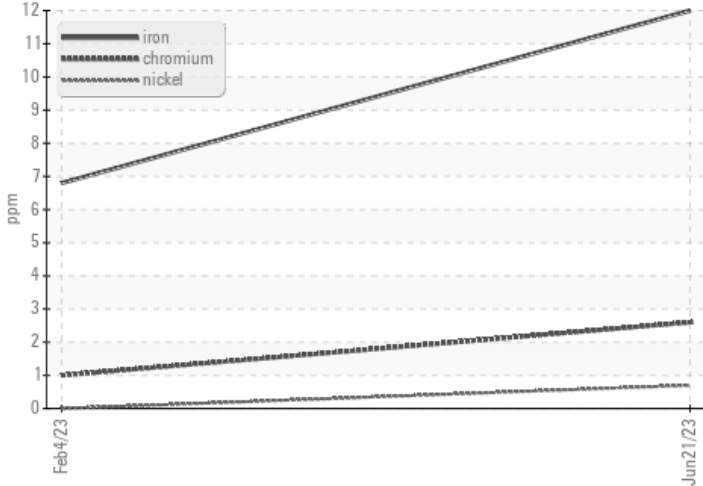


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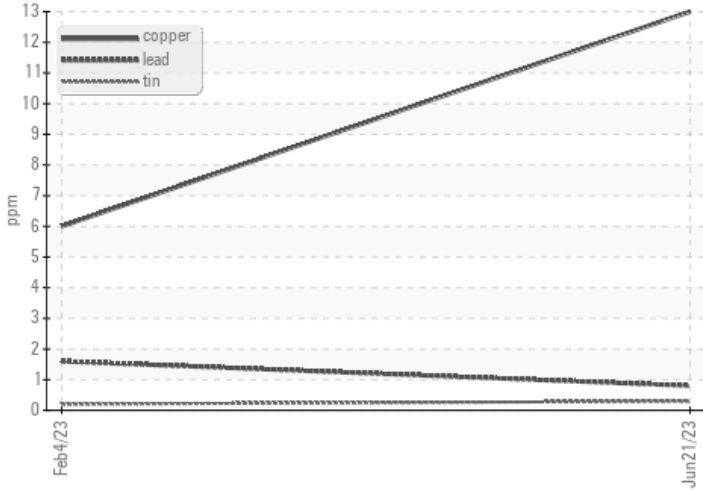


GRAPHS

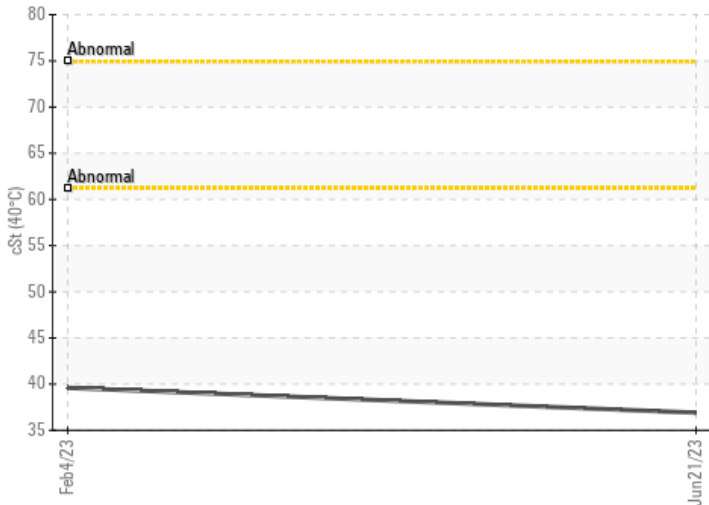
Ferrous Alloys



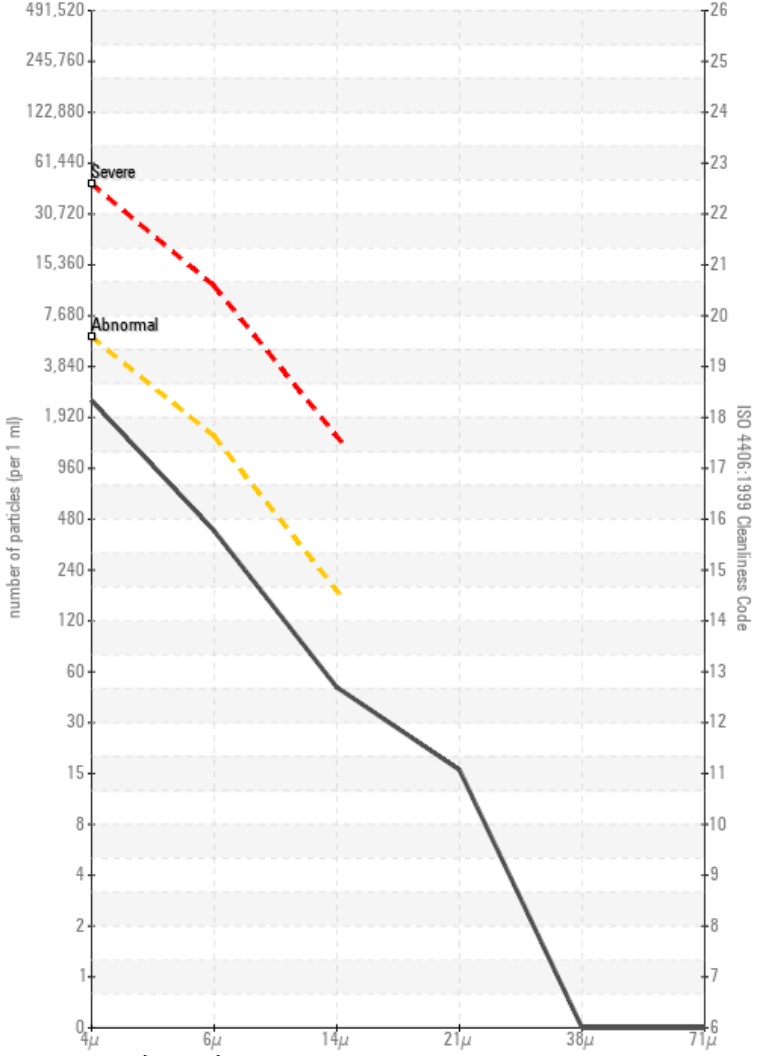
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

