



# CONSTRUCTION EQUIPMENT

## SENNEBOGEN 830 830.0.1477 - HYDRAULIC SYSTEM



**Sample No:** VCP393204  
**Oil Type:** OIL PRO ADVANCED PREM HR BULK AW 68  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP393204</b>	VCP0002986	---	---
Sample Date	<b>19 Jun 2023</b>	26 Jul 2022	---	---
Machine Hours	<b>13190</b>	12056	---	---
Oil Hours	<b>1500</b>	12056	---	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	---	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	---	---

**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	<b>53.5</b>	52.4	---	---
Acid Number (AN)	mg KOH/g	<b>0.55</b>	0.54	---	---

### CONTAMINATION

Particles >4µm		<b>26100</b>	15119	---	---
Particles >6µm		<b>3343</b>	615	---	---
Particles >14µm		<b>102</b>	36	---	---
ISO 4406:1999 (c)		<b>22/19/14</b>	21/16/12	---	---
Silicon	ppm	<b>9</b>	9	---	---
Sodium	ppm	<b>&lt;1</b>	<1	---	---
Potassium	ppm	<b>1</b>	0	---	---

Diagnosis

### WEAR METALS

Iron	ppm	<b>4</b>	8	---	---
Copper	ppm	<b>1</b>	3	---	---
Lead	ppm	<b>0</b>	2	---	---
Tin	ppm	<b>0</b>	<1	---	---
Aluminum	ppm	<b>1</b>	1	---	---
Chromium	ppm	<b>2</b>	6	---	---
Molybdenum	ppm	<b>3</b>	5	---	---
Nickel	ppm	<b>&lt;1</b>	<1	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	2	---	---
Manganese	ppm	<b>&lt;1</b>	<1	---	---
Vanadium	ppm	<b>0</b>	0	---	---

### ADDITIVES

Calcium	ppm	<b>83</b>	188	---	---
Magnesium	ppm	<b>19</b>	27	---	---
Zinc	ppm	<b>380</b>	379	---	---
Phosphorus	ppm	<b>317</b>	331	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>2</b>	8	---	---

**Depot:** COMCHAVC  
**Unique No:** 10537863  
**Signed:** Don Baldrige  
**Report Date:** 03 Jul 2023

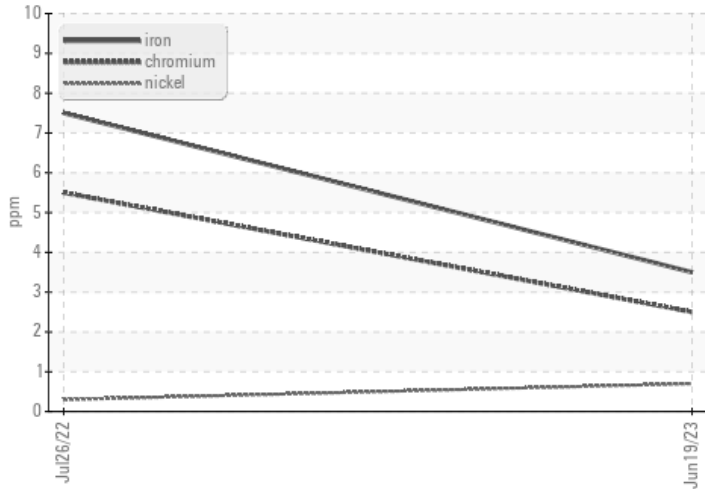


# CONSTRUCTION EQUIPMENT

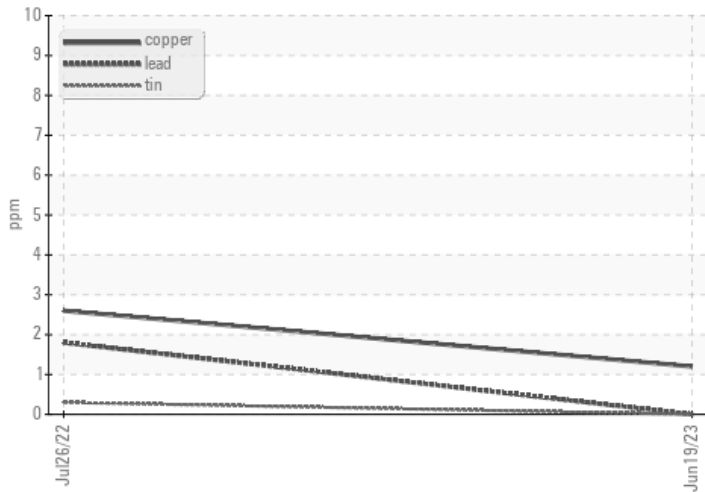


## GRAPHS

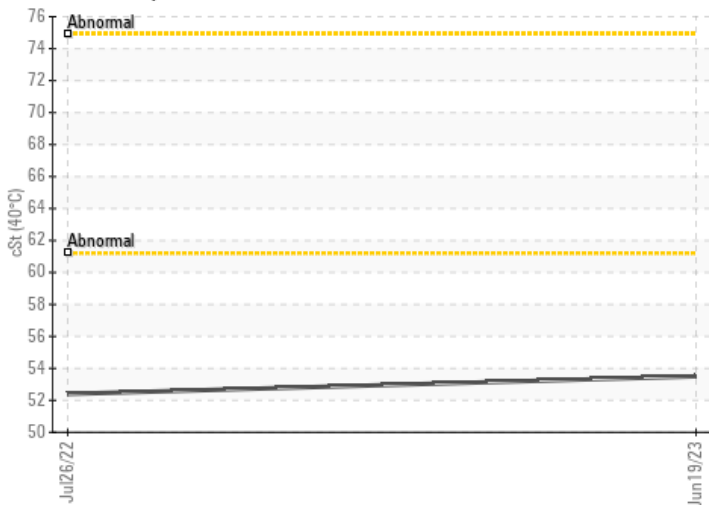
### Ferrous Alloys



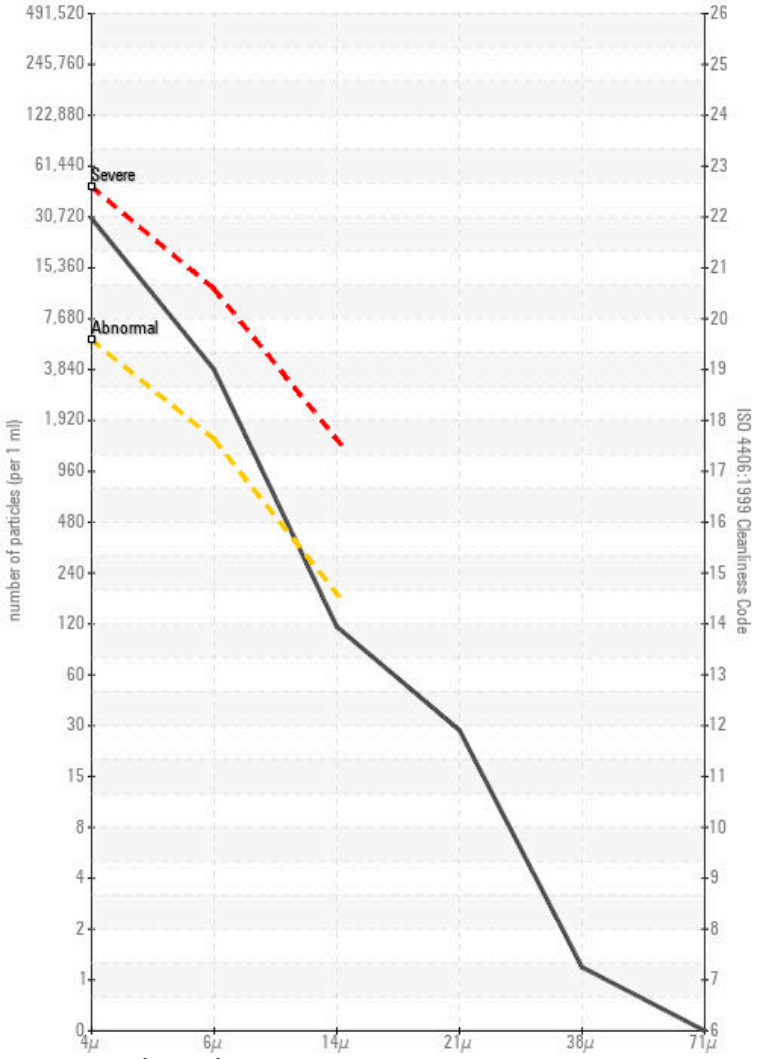
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

