



CONSTRUCTION EQUIPMENT

19212 BROCE BROOM BB250C 303067 - HYDRAULIC SYSTEM



Sample No: VCP413298

Oil Type: NOT GIVEN

Job No: 19212



SAMPLE INFORMATION

Sample Number	VCP413298	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	293	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

TRIANGLE GRADING AND PAVING INC

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 F: (336)584-0145

OIL CONDITION

Visc @ 40°C	cSt	■ 37.7	---	---	---
Acid Number (AN)	mg KOH/g	■ 1.42	---	---	---

CONTAMINATION

Particles >4µm		▲ 9858	---	---	---
Particles >6µm		■ 996	---	---	---
Particles >14µm		■ 39	---	---	---
ISO 4406:1999 (c)		20/17/12	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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 condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	■ 6	---	---	---
Copper	ppm	■ 16	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	910	---	---	---
Magnesium	ppm	732	---	---	---
Zinc	ppm	1136	---	---	---
Phosphorus	ppm	957	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	5	---	---	---

Depot: TRIBUR
Unique No: 10587205
Signed: Don Baldrige
Report Date: 05 Aug 2023

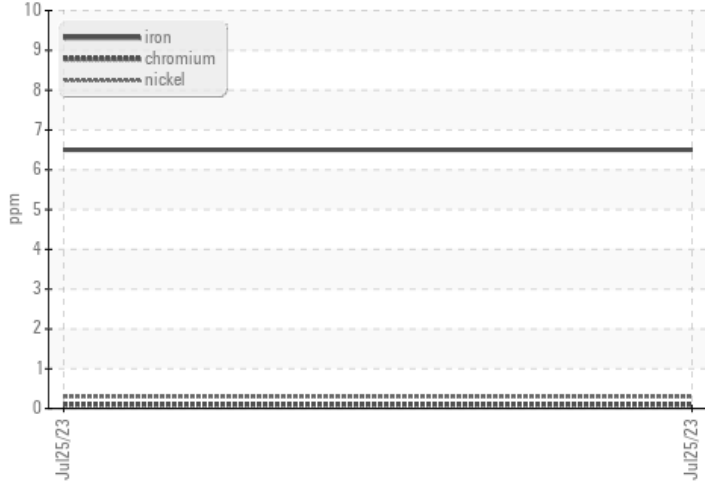


CONSTRUCTION EQUIPMENT

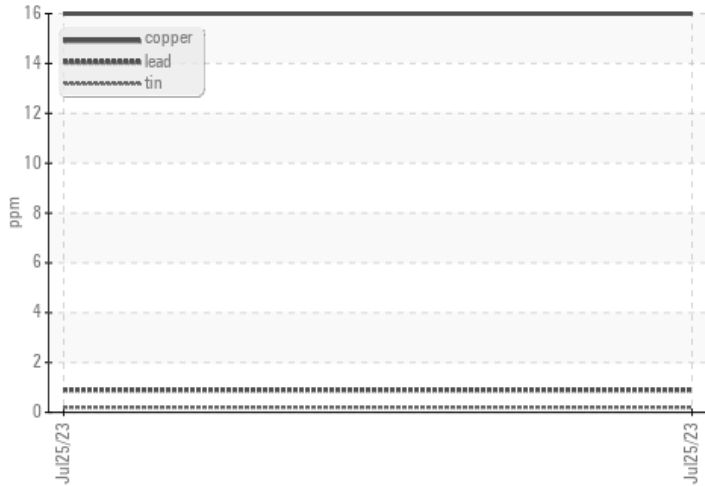


GRAPHS

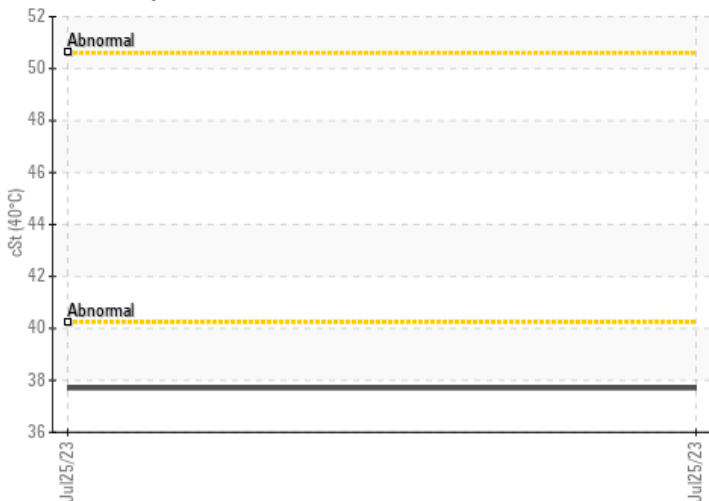
Ferrous Alloys



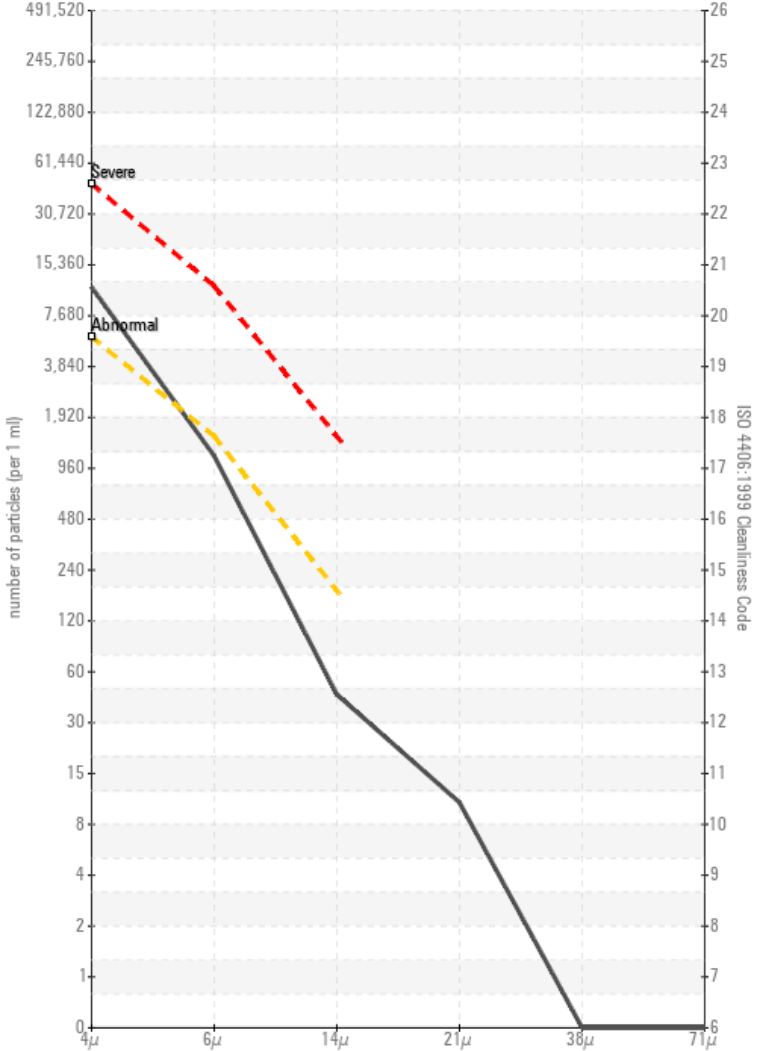
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

