



CONSTRUCTION EQUIPMENT

633489 BERGMANN C815S 6496 - TRANSMISSION



Sample No: VCP433448
Oil Type: JCB HD TRACTOR OIL
Job No: 633489



SAMPLE INFORMATION

Sample Number	VCP433448	---	---	---
Sample Date	10 Nov 2023	---	---	---
Machine Hours	566	---	---	---
Oil Hours	566	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
rturner@ripatampa.com
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 39.5	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 81	---	---	---
Potassium	ppm	■ 5	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

WEAR METALS

Iron	ppm	■ 25	---	---	---
Copper	ppm	■ 8	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	4071	---	---	---
Magnesium	ppm	7	---	---	---
Zinc	ppm	1753	---	---	---
Phosphorus	ppm	1281	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	119	---	---	---

Depot: RIPTAM
Unique No: 10765000
Signed: Jonathan Hester
Report Date: 04 Dec 2023

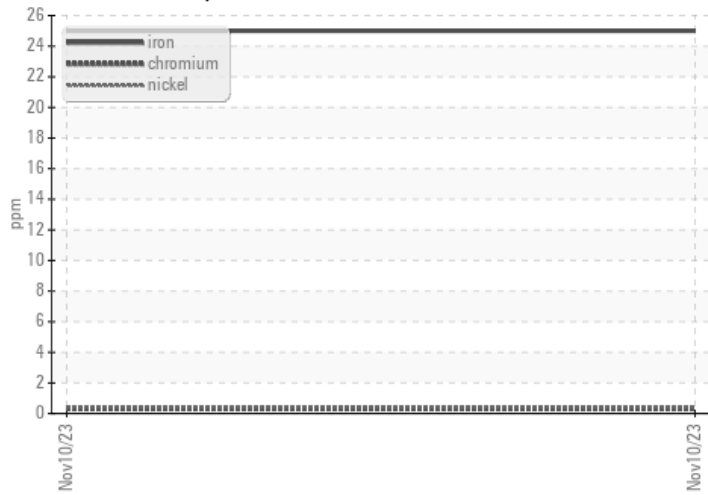


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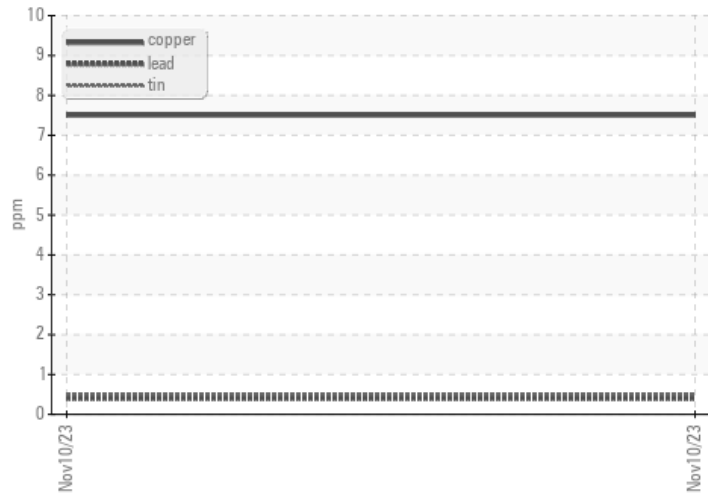


GRAPHS

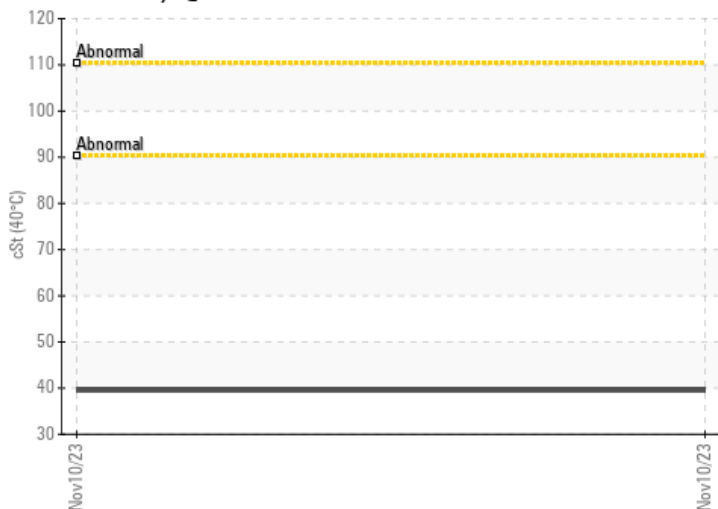
Ferrous Alloys



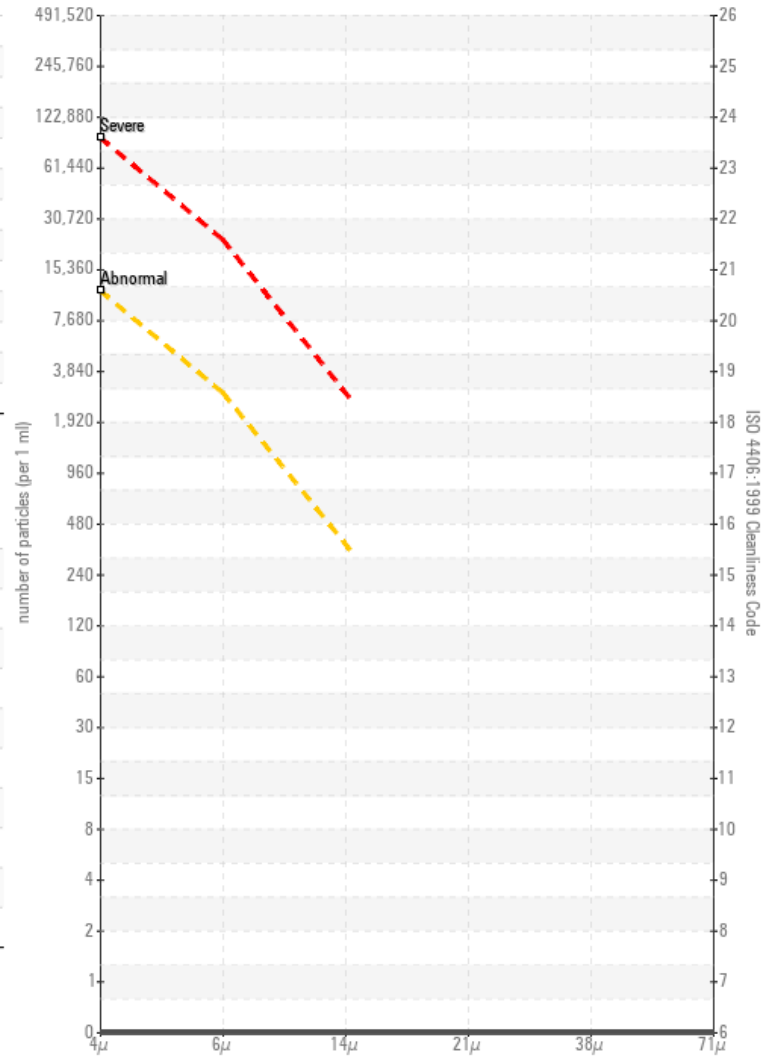
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

