

305 B CLAMP - HYDRAULIC SYSTEM

Sample No: PH0002958

Oil Type: {unknown}

PLASTIC OMNIUM

1549 W BEECHER RD

ADRIAN, MI

US 49221

Contact: Service Manager

T:

F:

Diagnosis

We recommend you service the filters on this component. 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 high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION

Sample Number		PH0002958	PH0001266	---	---
Sample Date		31 Jan 2024	24 Oct 2023	---	---
Machine Hours		0	0	---	---
Oil Hours		0	0	---	---
Oil Changed		N/A	N/A	---	---
Sample Status		ABNORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	360	■ 44.9	---	---
Acid Number (AN)	mg KOH/g	■ 0.73	■ 0.34	---	---

CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		▲ 137078	■ 801	---	---
Particles >6µm		▲ 45306	■ 160	---	---
Particles >14µm		▲ 1095	■ 11	---	---
ISO 4406:1999 (c)		24/23/17	17/14/11	---	---
Silicon	ppm	■ 1	■ 0	---	---
Sodium	ppm	■ 2	■ <1	---	---
Potassium	ppm	■ 4	■ 0	---	---

WEAR METALS

Iron	ppm	■ 17	■ 0	---	---
Copper	ppm	■ 2	■ <1	---	---
Lead	ppm	■ 2	■ 0	---	---
Tin	ppm	■ <1	■ 0	---	---
Aluminum	ppm	■ <1	■ 0	---	---
Chromium	ppm	■ 0	■ 0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	■ 1	■ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	0	---	---
Vanadium	ppm	<1	0	---	---

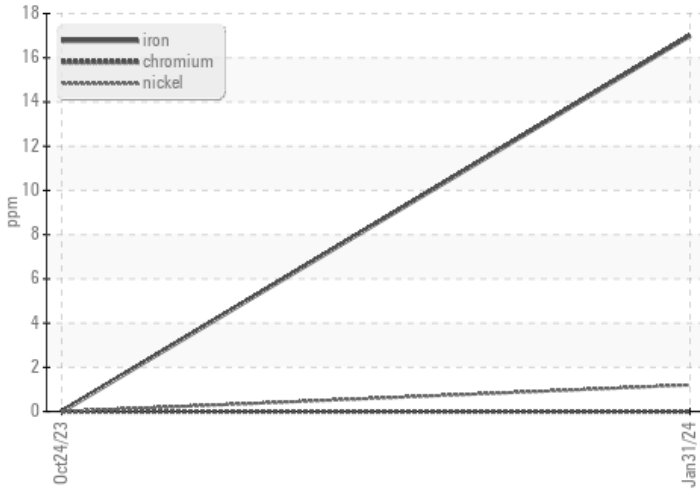
ADDITIVES

Calcium	ppm	5	39	---	---
Magnesium	ppm	1	0	---	---
Zinc	ppm	0	432	---	---
Phosphorus	ppm	247	321	---	---
Barium	ppm	0	0	---	---
Boron	ppm	32	0	---	---

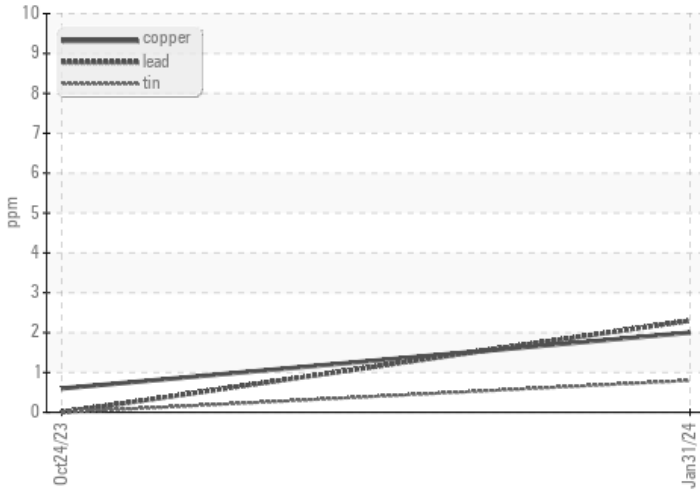
Depot: PLAADR
Unique No: 10859759
Signed: Jonathan Hester
Report Date: 05 Feb 2024

GRAPHS

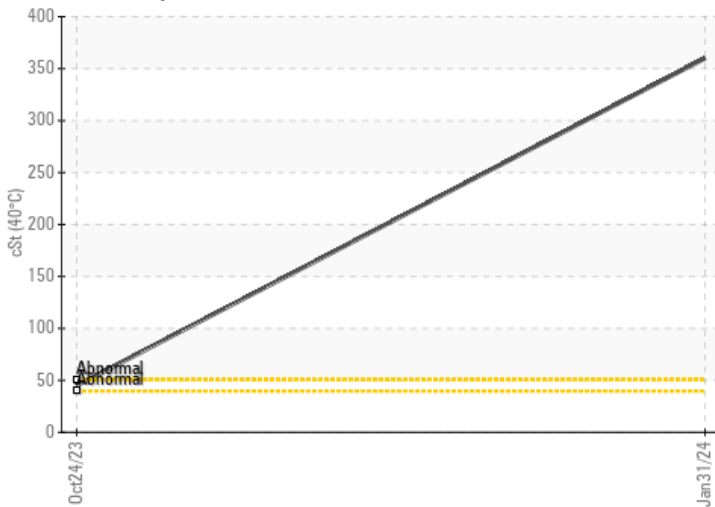
Ferrous Alloys



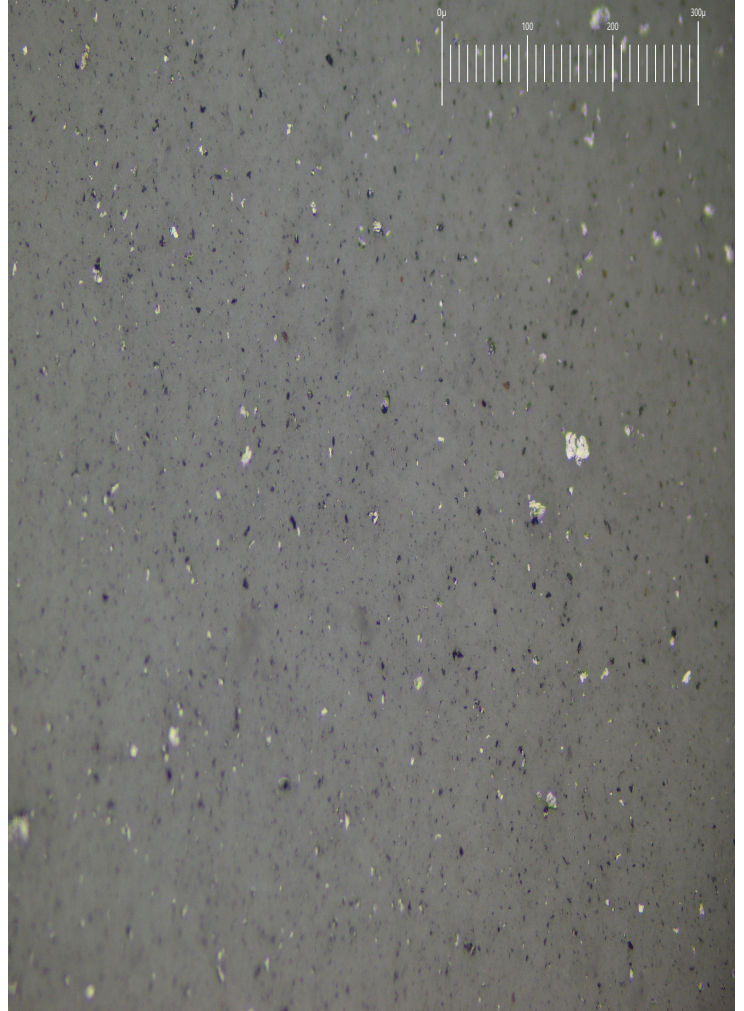
Non-ferrous Metals



Viscosity @ 40°C



Particle Filter (Magn: 200 x)



Acid Number

