

305-E - HYDRAULIC SYSTEM

Sample No: PH0003651

Oil Type: {unknown}

PLASTIC OMNIUM

1549 W BEECHER RD

ADRIAN, MI

US 49221

Contact: Service Manager

T:

F:

Diagnosis

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 no indication of any contamination in the oil. 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 suitable for further service.

SAMPLE INFORMATION

Sample Number		PH0003651	---	---	---
Sample Date		31 Jan 2024	---	---	---
Machine Hours		0	---	---	---
Oil Hours		0	---	---	---
Oil Changed		N/A	---	---	---
Sample Status		NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	332	---	---	---
Acid Number (AN)	mg KOH/g	0.80	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		6317	---	---	---
Particles >6µm		1266	---	---	---
Particles >14µm		90	---	---	---
ISO 4406:1999 (c)		20/17/14	---	---	---
Silicon	ppm	1	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	4	---	---	---

WEAR METALS

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

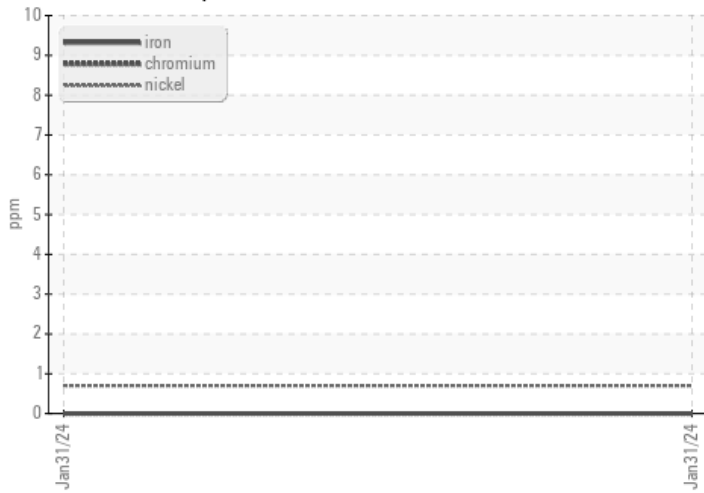
ADDITIVES

Calcium	ppm	2	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	241	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	35	---	---	---

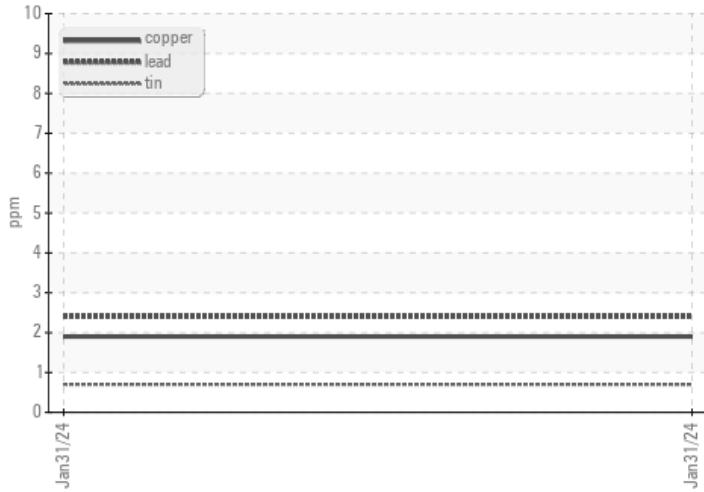
Depot: PLAADR
Unique No: 10859756
Signed: Jonathan Hester
Report Date: 05 Feb 2024

GRAPHS

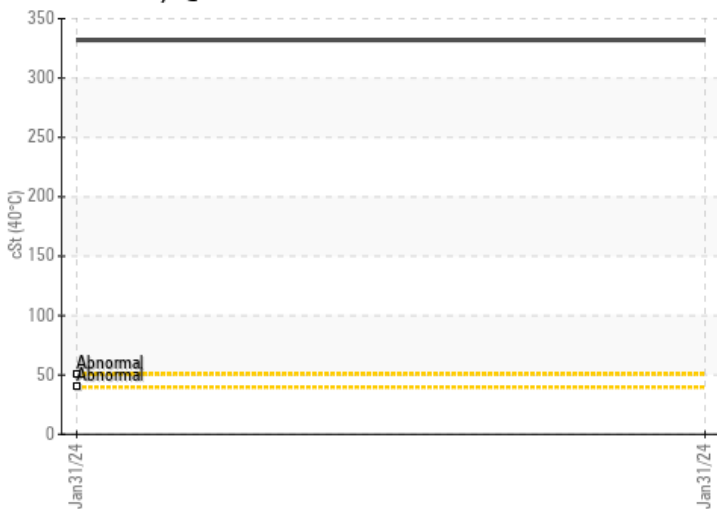
Ferrous Alloys



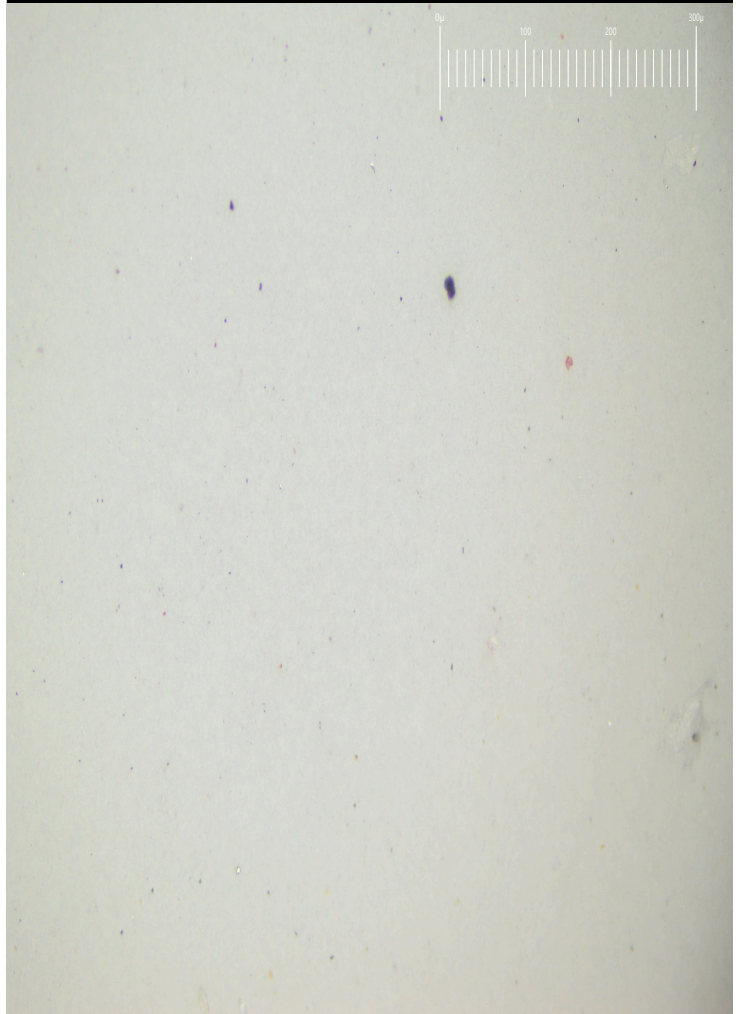
Non-ferrous Metals



Viscosity @ 40°C



Particle Filter (Magn: 200 x)



Acid Number

