

## 305-F - HYDRAULIC SYSTEM

**Sample No:** PH0003654

**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		<b>PH0003654</b>	---	---	---
Sample Date		<b>31 Jan 2024</b>	---	---	---
Machine Hours		<b>0</b>	---	---	---
Oil Hours		<b>0</b>	---	---	---
Oil Changed		<b>N/A</b>	---	---	---
Sample Status		<b>ABNORMAL</b>	---	---	---

## OIL CONDITION

Visc @ 40°C	cSt	<b>399</b>	---	---	---
Acid Number (AN)	mg KOH/g	<b>0.71</b>	---	---	---

## CONTAMINATION

Water	%	<b>NEG</b>	---	---	---
Particles >4µm		<b>▲ 104765</b>	---	---	---
Particles >6µm		<b>▲ 20581</b>	---	---	---
Particles >14µm		<b>▲ 341</b>	---	---	---
ISO 4406:1999 (c)		<b>24/22/16</b>	---	---	---
Silicon	ppm	<b>■ 2</b>	---	---	---
Sodium	ppm	<b>■ 2</b>	---	---	---
Potassium	ppm	<b>■ 4</b>	---	---	---

## WEAR METALS

Iron	ppm	<b>■ 13</b>	---	---	---
Copper	ppm	<b>■ 2</b>	---	---	---
Lead	ppm	<b>■ 2</b>	---	---	---
Tin	ppm	<b>■ &lt;1</b>	---	---	---
Aluminum	ppm	<b>■ &lt;1</b>	---	---	---
Chromium	ppm	<b>■ 0</b>	---	---	---
Molybdenum	ppm	<b>&lt;1</b>	---	---	---
Nickel	ppm	<b>■ &lt;1</b>	---	---	---
Titanium	ppm	<b>0</b>	---	---	---
Silver	ppm	<b>&lt;1</b>	---	---	---
Manganese	ppm	<b>2</b>	---	---	---
Vanadium	ppm	<b>&lt;1</b>	---	---	---

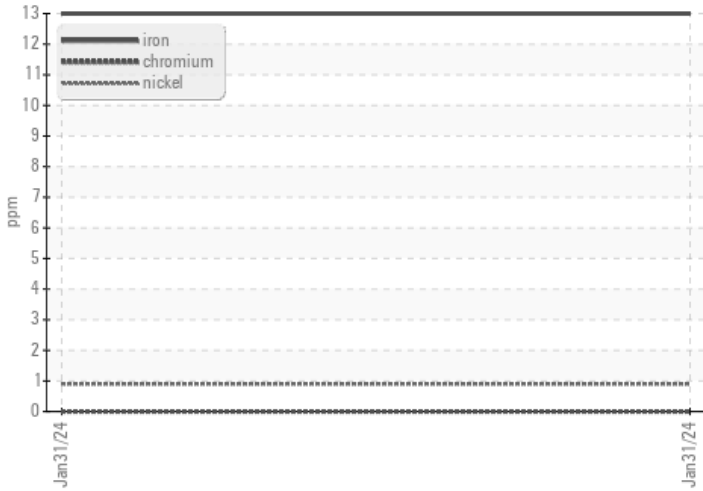
## ADDITIVES

Calcium	ppm	<b>13</b>	---	---	---
Magnesium	ppm	<b>1</b>	---	---	---
Zinc	ppm	<b>0</b>	---	---	---
Phosphorus	ppm	<b>251</b>	---	---	---
Barium	ppm	<b>&lt;1</b>	---	---	---
Boron	ppm	<b>28</b>	---	---	---

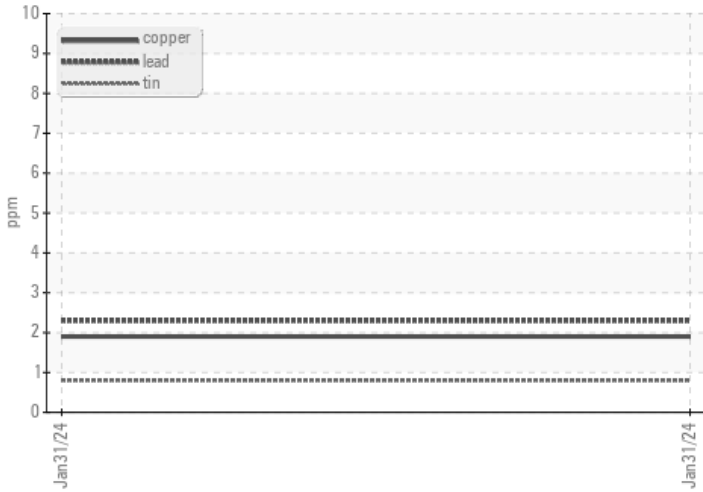
**Depot:** PLAADR  
**Unique No:** 10859755  
**Signed:** Jonathan Hester  
**Report Date:** 05 Feb 2024

# GRAPHS

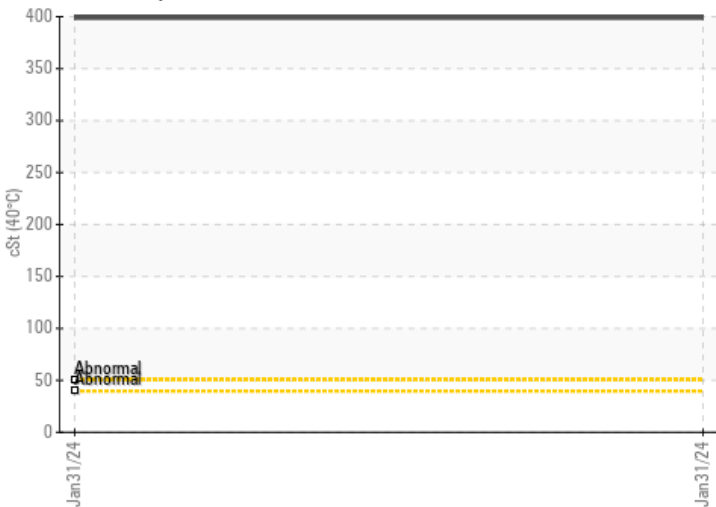
Ferrous Alloys



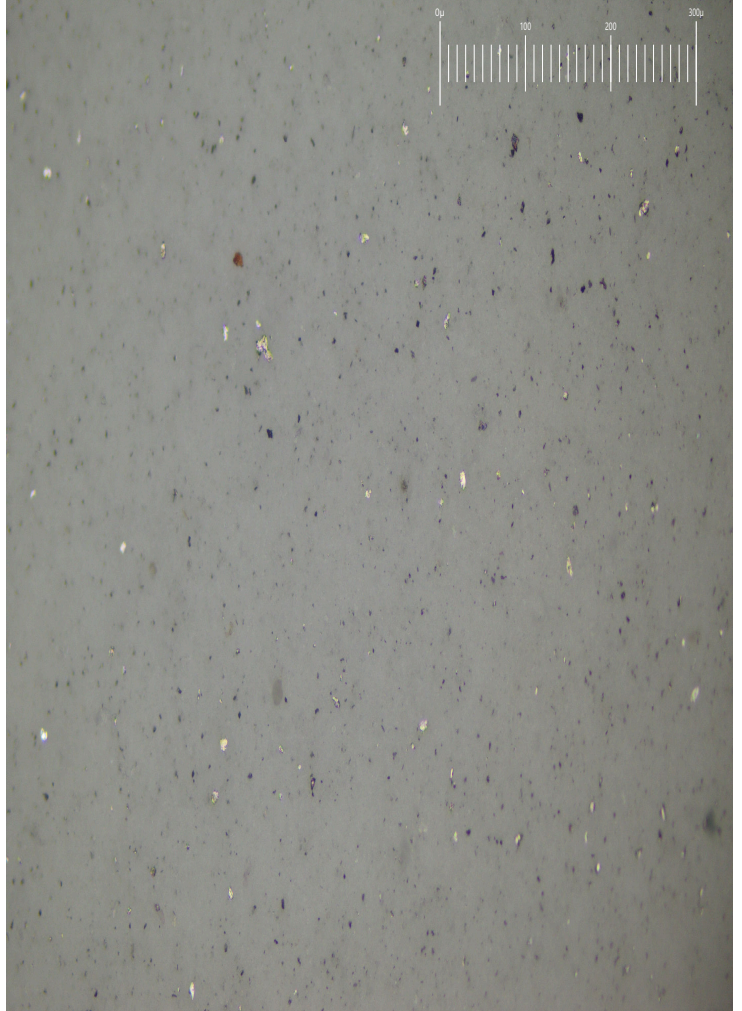
Non-ferrous Metals



Viscosity @ 40°C



Particle Filter (Magn: 200 x)



Acid Number

