305-C - HYDRAULIC SYSTEM

Sample No: PH0002385

Oil Type: {unknown}

PLASTIC OMNIUM
1549 W BEECHER RD
ADRIAN, MI
US 49221
Contact: Service Manager

T:
F:

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.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 suitable for further service.

SAMPLE INFORMATION

Sample Number		**PH0002385**	---	---	---
Sample Date		**31 Jan 2024**	---	---	---
Machine Hours		**0**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**N/A**	---	---	---
Sample Status		**ATTENTION**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**330**	---	---	---
Acid Number (AN)	mg KOH/g	**0.79**	---	---	---

CONTAMINATION

Water	%	**NEG**	---	---	---
Particles >4µm		**15882**	---	---	---
Particles >6µm		**3475**	---	---	---
Particles >14µm		**104**	---	---	---
ISO 4406:1999 (c)		**21/19/14**	---	---	---
Silicon	ppm	**2**	---	---	---
Sodium	ppm	**2**	---	---	---
Potassium	ppm	**4**	---	---	---

WEAR METALS

Iron	ppm	**<1**	---	---	---
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	**4**	---	---	---
Magnesium	ppm	**1**	---	---	---
Zinc	ppm	**0**	---	---	---
Phosphorus	ppm	**243**	---	---	---
Barium	ppm	**0**	---	---	---
Boron	ppm	**32**	---	---	---

Depot: PLAADR
Unique No: 10859754
Signed: Jonathan Hester
Report Date: 05 Feb 2024

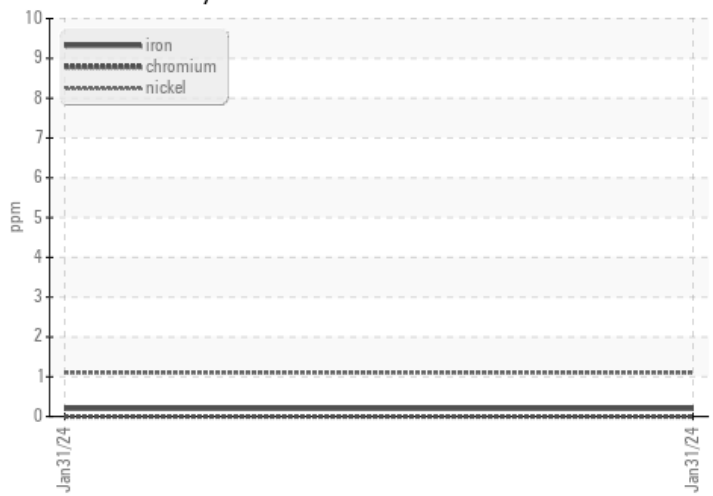
Report Id: PLAADR [WUSCAR] 06077663 (Generated: 04/23/2024 10:18:24) Rev: 1

Contact/Location: Service Manager - PLAADR

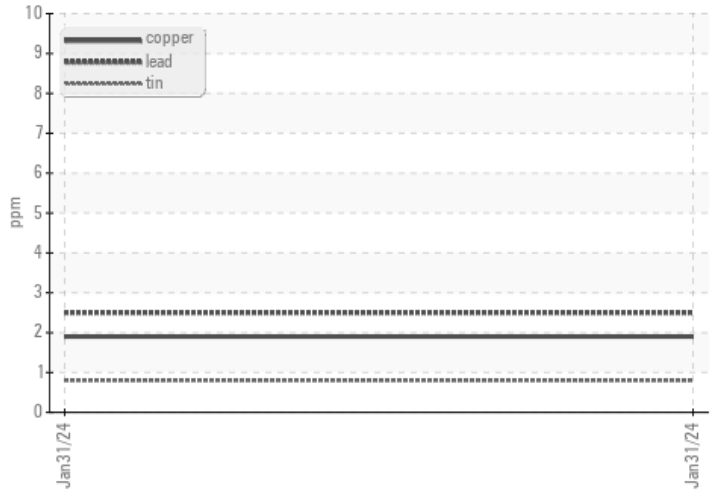
Particle Filter (Magn: 200 x)

GRAPHS

Ferrous Alloys

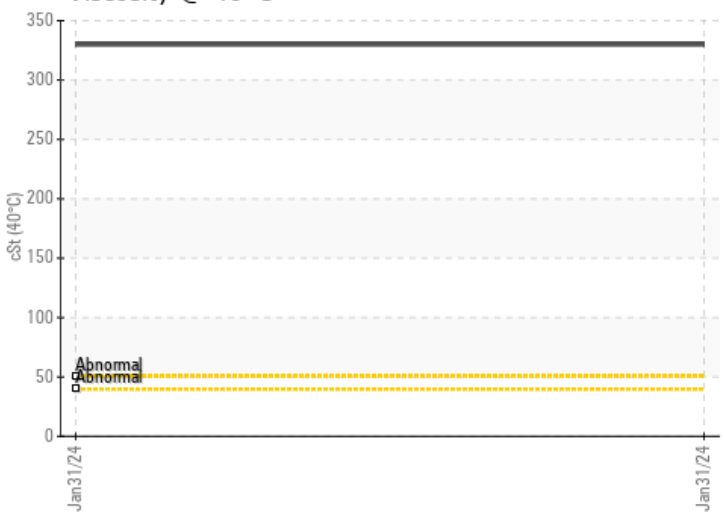


Non-ferrous Metals



Particle Filter (Magn: 200 x)

Viscosity @ 40°C



Acid Number