

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A922 146822-1509 - Hydraulic System

Sample No: LH0290901

Oil Type: {unknown}



PNR RAILWORKS INC.
65 MASSEY ROAD
GUELPH NW, ON
CA N1H 7M6
Contact: Service Manager

T:
F:



Information sur l'échantillon

Numéro d'échant.	LH0290901	LH0285066	LH0270431	---
Date d'échant.	07 Jul 2024	29 Jan 2024	14 Sep 2023	---
Heures de la Machine	2014	1252	610	---
Heures de l'huile	0	0	0	---
Huile changée	Not Changd	N/A	N/A	---
Statut de l'échant.	NORMAL	ABNORMAL	ABNORMAL	---



État d'huile

Visc 40°C	cSt	25.1	44.7	25.0	---
-----------	-----	------	------	------	-----



Contamination

Eau	%	NEG	NEG	NEG	---
Particules >4µ		16054	44533	95320	---
Particules >6µ		4229	13761	19573	---
Particules >14µ		212	588	261	---
ISO 4406:1999 (c)		21/19/15	23/21/16	24/21/15	---
Silicium	ppm	6	3	8	---
Sodium	ppm	1	<1	<1	---
Potassium	ppm	1	4	1	---

Diagnostic

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. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



Métaux d'usure

Fer	ppm	13	<1	5	---
Cuivre	ppm	4	<1	3	---
Plomb	ppm	<1	<1	<1	---
Étain	ppm	0	0	0	---
Aluminium	ppm	1	2	<1	---
Chrome	ppm	2	0	<1	---
Molybdène	ppm	0	0	<1	---
Nickel	ppm	<1	<1	<1	---
Titane	ppm	0	0	0	---
Argent	ppm	0	0	0	---
Manganèse	ppm	<1	0	<1	---
Vanadium	ppm	0	0	0	---



Additifs

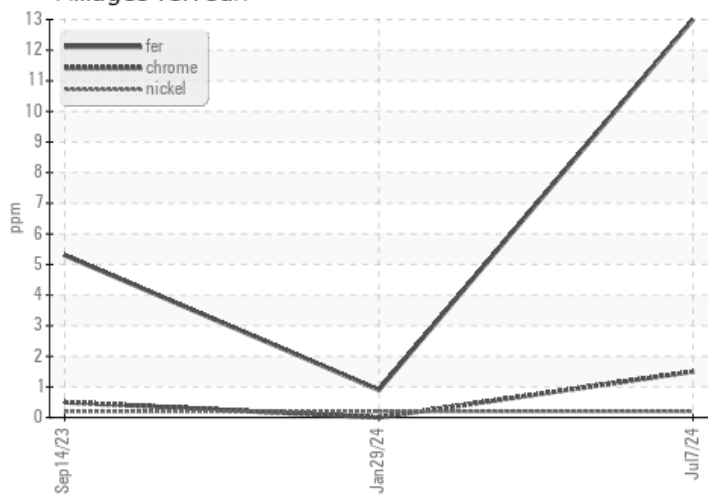
Calcium	ppm	21	101	17	---
Magnésium	ppm	1	2	1	---
Zinc	ppm	117	799	105	---
Phosphore	ppm	142	643	139	---
Baryum	ppm	<1	0	0	---
Bore	ppm	5	<1	0	---

Depot: PNRGUE
Unique No: 5811869
Signed: Kevin Marson
Report Date: 09 Jul 2024

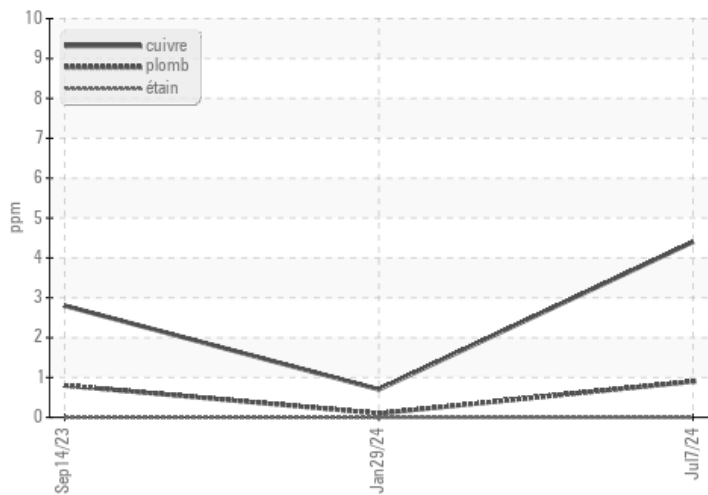


Graphs

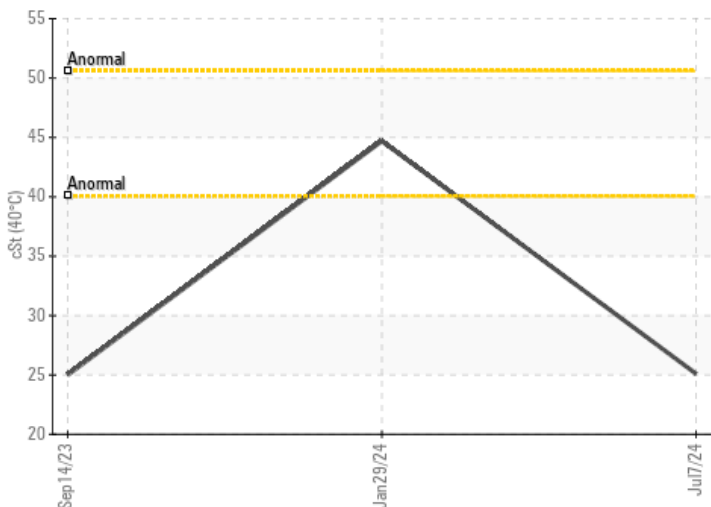
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

