

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A922 146822-1509 - Hydraulic System

Sample No: LH0285066

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.	LH0285066	LH0270431	---	---
Date d'échant.	29 Jan 2024	14 Sep 2023	---	---
Heures de la Machine	1252	610	---	---
Heures de l'huile	0	0	---	---
Huile changée	N/A	N/A	---	---
Statut de l'échant.	ABNORMAL	ABNORMAL	---	---



ÉTAT D'HUILE

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

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

Diagnostic

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



MÉTAUX D'USURE

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



ADDITIFS

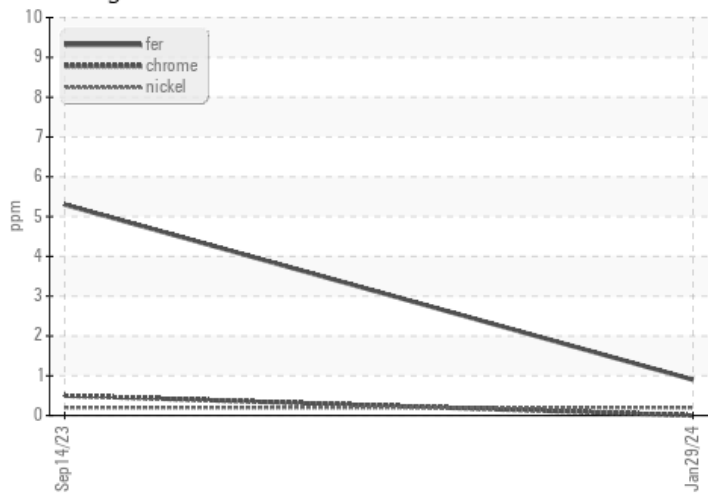
Calcium	ppm	101	17	---	---
Magnésium	ppm	2	1	---	---
Zinc	ppm	799	105	---	---
Phosphore	ppm	643	139	---	---
Baryum	ppm	0	0	---	---
Bore	ppm	<1	0	---	---

Depot: PNRGUE
Unique No: 5721344
Signed: Wes Davis
Report Date: 31 Jan 2024

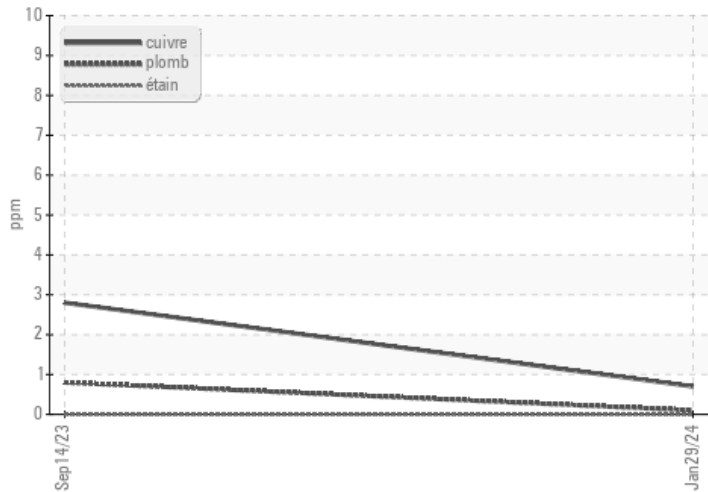


GRAPHS

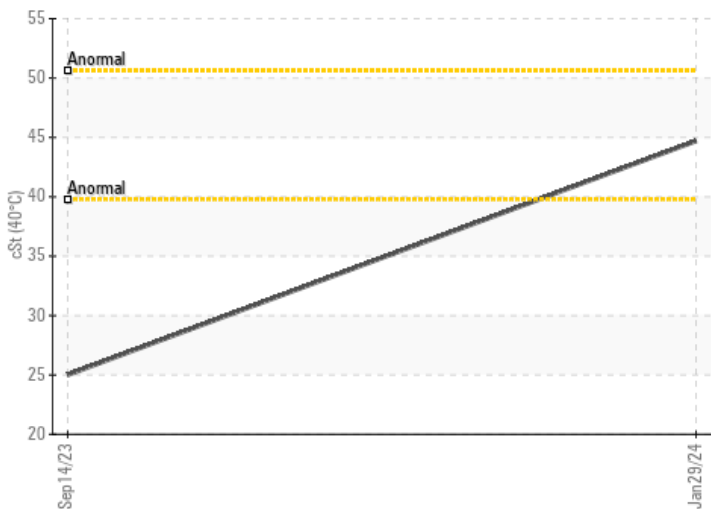
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

