

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR A922 146822-1509 - Hydraulic System

Sample No: LH0270431  
Oil Type: NOT GIVEN



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

T:  
F:



#### INFORMATION SUR L'ÉCHANTILLON

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



#### ÉTAT D'HUILE

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

Particules >4μ		● 95320	---	---	---
Particules >6μ		● 19573	---	---	---
Particules >14μ		● 261	---	---	---
ISO 4406:1999 (c)		24/21/15	---	---	---
Silicium	ppm	● 8	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 1	---	---	---



#### MÉTAUX D'USURE

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



#### ADDITIFS

Calcium	ppm	17	---	---	---
Magnésium	ppm	1	---	---	---
Zinc	ppm	105	---	---	---
Phosphore	ppm	139	---	---	---
Baryum	ppm	0	---	---	---
Bore	ppm	0	---	---	---

#### Diagnostic

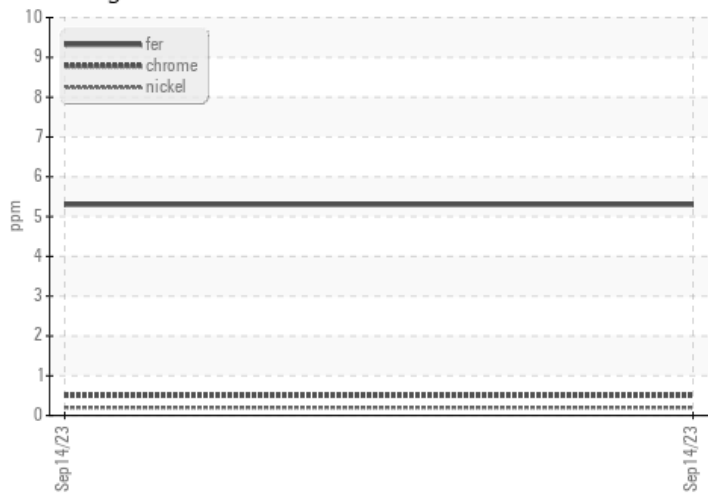
We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present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

Depot: PNRGUE  
Unique No: 5643918  
Signed: Bill Quesnel  
Report Date: 18 Sep 2023

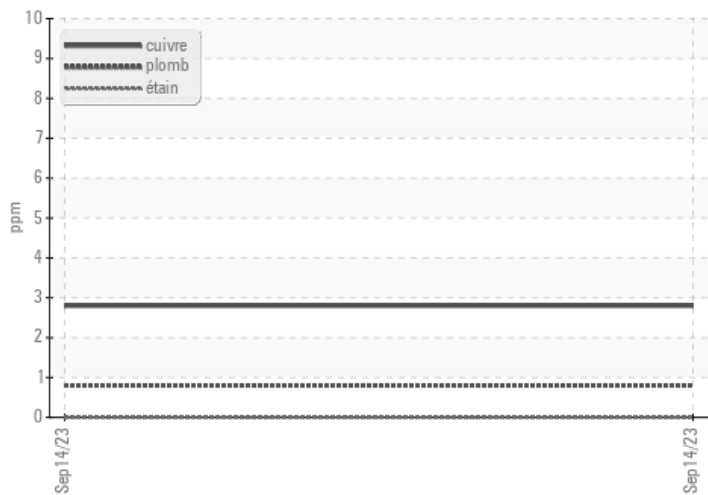


### GRAPHS

#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

