



### LIEBHERR R945 058083-1866 - Hydraulic System

Sample No: LH0291014

Oil Type: {unknown}



#### Information sur l'échantillon

Numéro d'échant.	LH0291014	LH0278791	---	---
Date d'échant.	10 Jun 2024	29 Jan 2024	---	---
Heures de la Machine	915	444	---	---
Heures de l'huile	0	0	---	---
Huile changée	Not Changd	Not Changd	---	---
Statut de l'échant.	NORMAL	NORMAL	---	---

**GERDAU AMERISTEEL**  
2025 RIVER RD.  
LONDON, ON  
CA N5W 6C4  
Contact: Scott MacDonald



#### État d'huile

Visc 40°C	cSt	43.7	44.3	---	---
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T: (519)455-4639  
F: (519)451-3623



#### Contamination

Eau	%	NEG	0.018	---	---
Particules >4μ		4339	11601	---	---
Particules >6μ		963	2650	---	---
Particules >14μ		39	176	---	---
ISO 4406:1999 (c)		19/17/12	21/19/15	---	---
Silicium	ppm	1	3	---	---
Sodium	ppm	2	1	---	---
Potassium	ppm	<1	2	---	---

#### 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	6	5	---	---
Cuivre	ppm	3	2	---	---
Plomb	ppm	0	<1	---	---
Étain	ppm	0	0	---	---
Aluminium	ppm	<1	<1	---	---
Chrome	ppm	0	0	---	---
Molybdène	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



#### Additifs

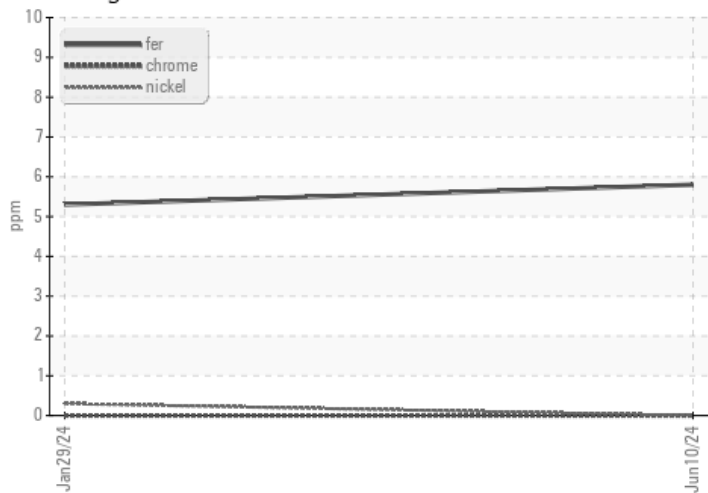
Calcium	ppm	1289	1293	---	---
Magnésium	ppm	8	9	---	---
Zinc	ppm	689	684	---	---
Phosphore	ppm	607	600	---	---
Baryum	ppm	0	0	---	---
Bore	ppm	<1	<1	---	---

**Depot:** GER202LON  
**Unique No:** 5798726  
**Signed:** Wes Davis  
**Report Date:** 12 Jun 2024

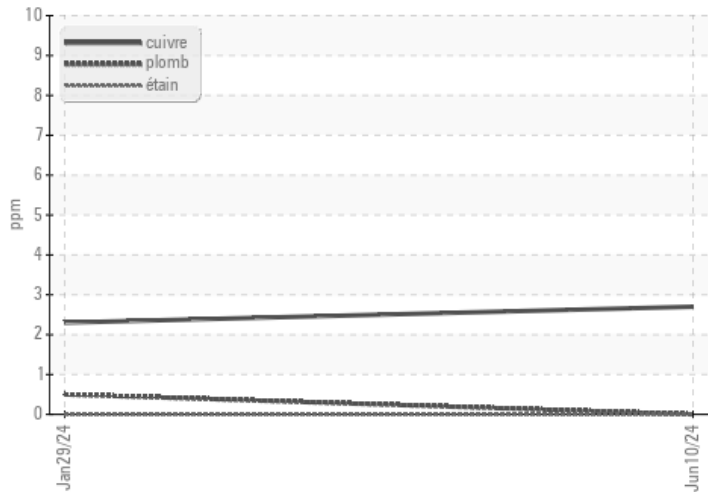


### Graphs

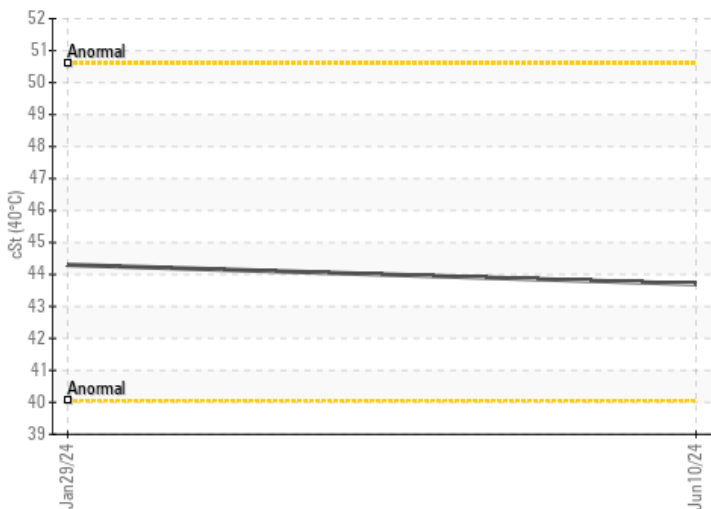
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

