

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 141098-1217 - Hydraulic System

Sample No: LH0291154

Oil Type: {unknown}



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#### Information sur l'échantillon

Numéro d'échant.	LH0291154	LH0284997	LH0277799	LH0261813
Date d'échant.	13 May 2024	22 Feb 2024	04 Dec 2023	26 May 2023
Heures de la Machine	3286	2811	0	1399
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	N/A	Not Changd
Statut de l'échant.	NORMAL	NORMAL	ATTENTION	NORMAL



#### État d'huile

Visc 40°C	cSt	42.3	42.1	42.3	43.0



#### Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4μ		2590	3045	20366	10113
Particules >6μ		722	1027	3885	2074
Particules >14μ		53	92	80	63
ISO 4406:1999 (c)		19/17/13	19/17/14	22/19/13	21/18/13
Silicium	ppm	3	4	4	3
Sodium	ppm	3	3	3	2
Potassium	ppm	<1	1	0	0



#### Métaux d'usure

Fer	ppm	12	12	11	10
Cuivre	ppm	7	6	5	3
Plomb	ppm	<1	<1	1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	1	<1	<1
Chrome	ppm	2	2	<1	<1
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	0	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	0
Manganèse	ppm	<1	0	0	<1
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	1233	1245	1198	1325
Magnésium	ppm	5	5	4	4
Zinc	ppm	692	692	697	697
Phosphore	ppm	597	618	580	673
Baryum	ppm	<1	0	<1	0
Bore	ppm	<1	<1	<1	<1

#### Diagnostic

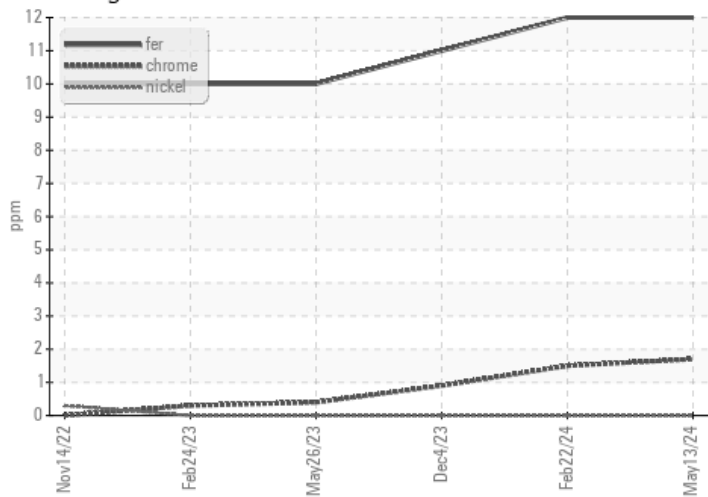
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot: JOHLON  
Unique No: 5776460  
Signed: Wes Davis  
Report Date: 15 May 2024

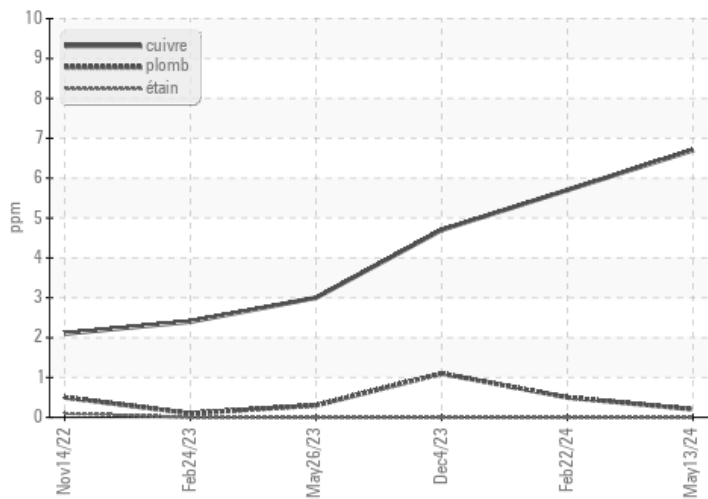


### Graphs

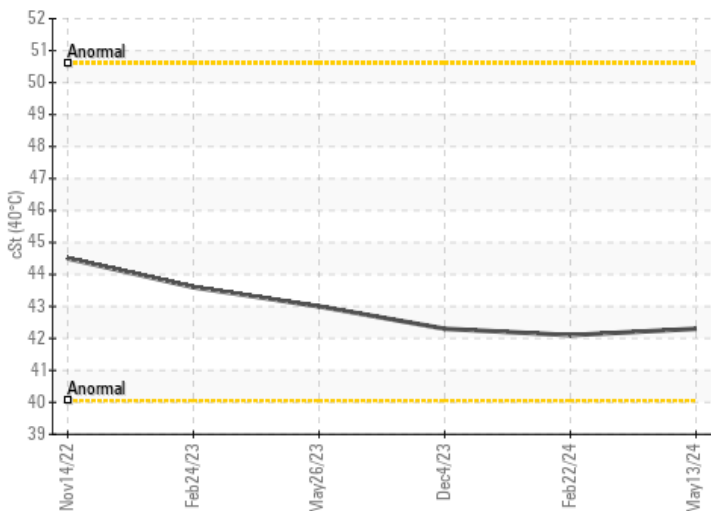
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

