

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 094197-1216 - Hydraulic System

Sample No: LH0279120

Oil Type: {unknown}



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0279120	LH0251213	LH0215584	LH0225152
Date d'échant.	05 Feb 2024	13 Mar 2023	01 Dec 2022	06 Oct 2022
Heures de la Machine	0	22266	21572	21039
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	Not Changd
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

INDUSTRIES GDS INC.

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ÉTAT D'HUILE

Visc 40°C	cSt	40.8	43.6	43.9	43.3



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		4997	2415	2107	3889
Particules >6µ		1336	762	587	986
Particules >14µ		75	76	48	55
ISO 4406:1999 (c)		19/18/13	18/17/13	18/16/13	19/17/13
Silicium	ppm	2	2	1	2
Sodium	ppm	<1	1	<1	<1
Potassium	ppm	<1	<1	0	0

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	14	16	13	17
Cuivre	ppm	<1	1	1	1
Plomb	ppm	<1	<1	0	0
Étain	ppm	0	0	0	0
Aluminium	ppm	1	<1	<1	<1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	558	139	151	164
Magnésium	ppm	3	1	2	1
Zinc	ppm	878	783	802	785
Phosphore	ppm	719	662	689	684
Baryum	ppm	0	0	0	0
Bore	ppm	<1	<1	<1	<1

Depot: INDVIL

Unique No: 5734543

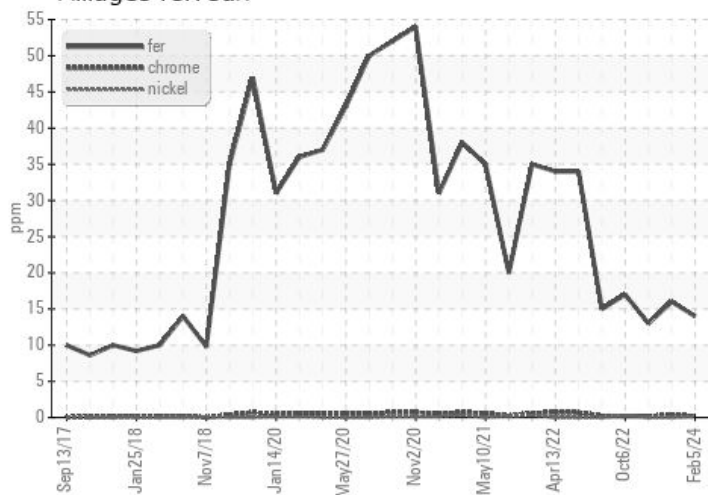
Signed: Wes Davis

Report Date: 23 Feb 2024

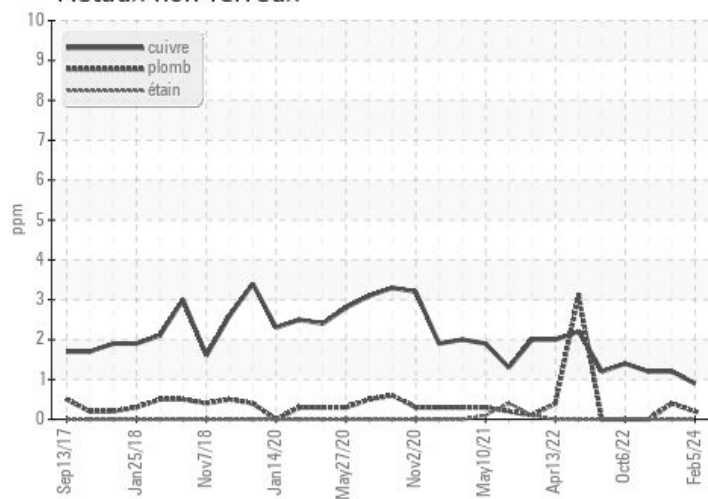


GRAPHS

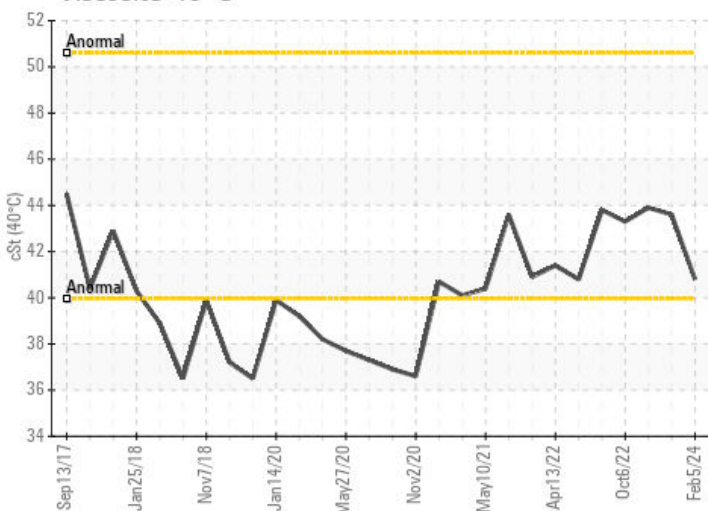
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

