

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 094197-1216 - Hydraulic System

Sample No: LH0284137

Oil Type: {unknown}



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0284137	LH0279120	LH0251213	LH0215584
Date d'échant.	18 Mar 2024	05 Feb 2024	13 Mar 2023	01 Dec 2022
Heures de la Machine	25297	0	22266	21572
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	43.3	40.8	43.6	43.9
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CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		2419	4997	2415	2107
Particules >6µ		682	1336	762	587
Particules >14µ		40	75	76	48
ISO 4406:1999 (c)		18/17/12	19/18/13	18/17/13	18/16/13
Silicium	ppm	<1	2	2	1
Sodium	ppm	<1	<1	1	<1
Potassium	ppm	0	<1	<1	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	17	14	16	13
Cuivre	ppm	<1	<1	1	1
Plomb	ppm	0	<1	<1	0
Étain	ppm	0	0	0	0
Aluminium	ppm	0	1	<1	<1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	<1	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	551	558	139	151
Magnésium	ppm	2	3	1	2
Zinc	ppm	875	878	783	802
Phosphore	ppm	699	719	662	689
Baryum	ppm	0	0	0	0
Bore	ppm	0	<1	<1	<1

Depot: INDVIL

Unique No: 5748870

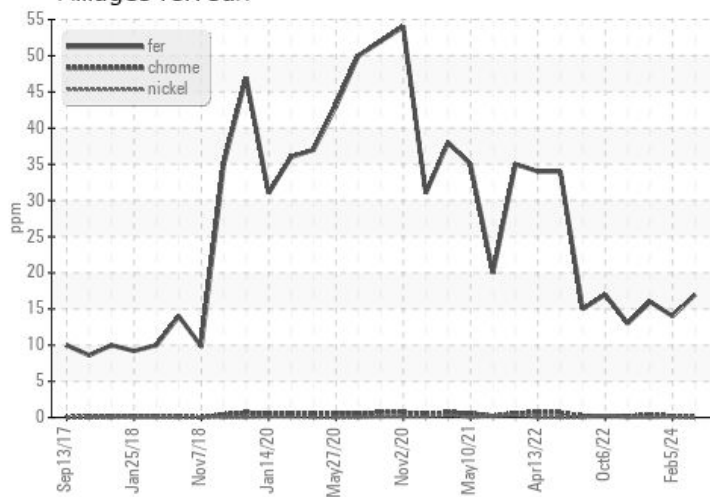
Signed: Wes Davis

Report Date: 22 Mar 2024

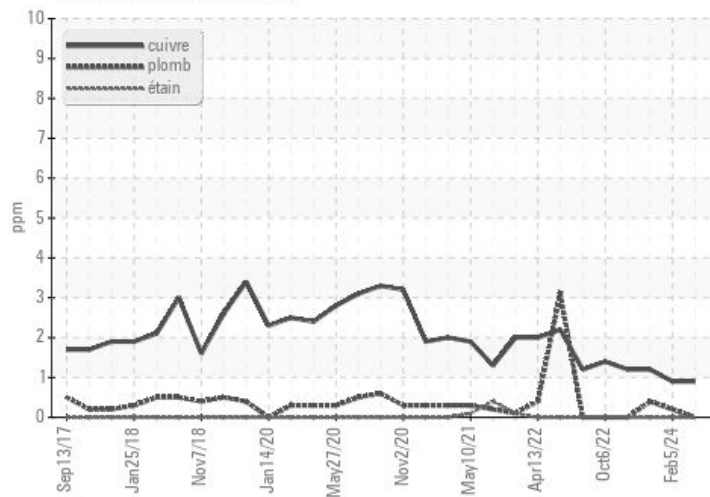


GRAPHS

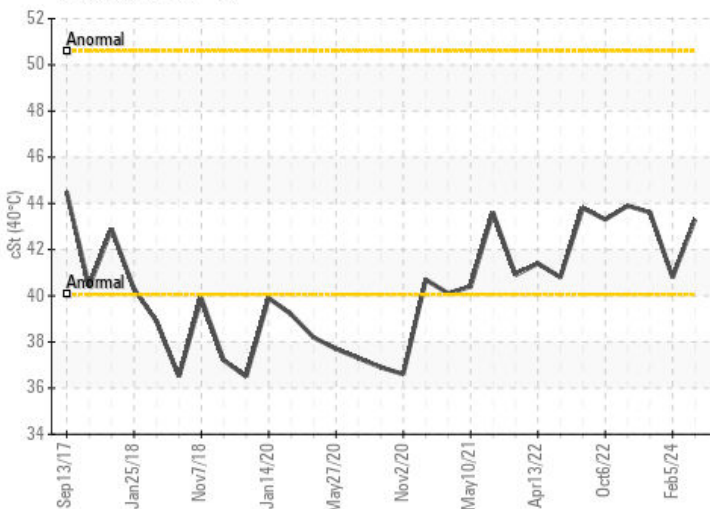
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

