

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145181-1216 - Hydraulic System

Sample No: LH0289505

Oil Type: {unknown}



Information sur l'échantillon

Numéro d'échant.	LH0289505	LH0286806	LH0277539	LH0274799
Date d'échant.	10 Jun 2024	01 Apr 2024	04 Jan 2024	29 Aug 2023
Heures de la Machine	2472	2092	1614	1043
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

METALOGICS INC
70 NORTH QUEEN ST.
ETOBICOKE, ON
CA M8Z 2C7
Contact: Service Manager



État d'huile

Visc 40°C	cSt	42.6	42.8	43.0	43.1

T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		7844	6310	4829	12877
Particules >6µ		1959	1409	938	2213
Particules >14µ		109	72	32	87
ISO 4406:1999 (c)		20/18/14	20/18/13	19/17/12	21/18/14
Silicium	ppm	2	1	2	3
Sodium	ppm	2	1	<1	1
Potassium	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.



Métaux d'usure

Fer	ppm	12	10	8	8
Cuivre	ppm	2	2	2	1
Plomb	ppm	0	0	<1	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	0	0	0	<1
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



Additifs

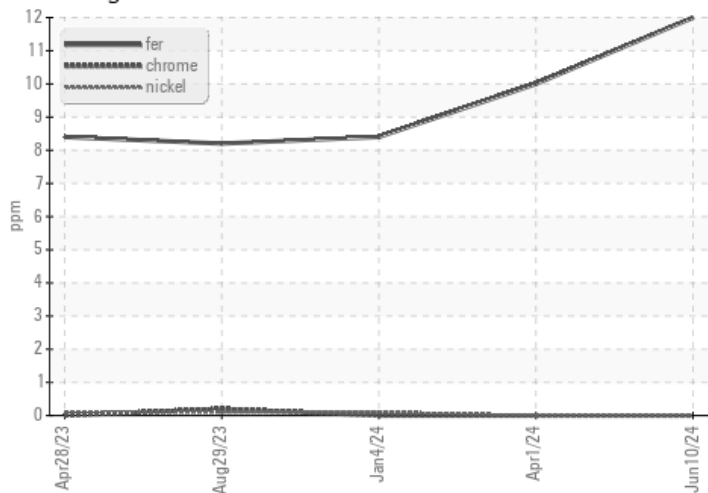
Calcium	ppm	609	614	622	760
Magnésium	ppm	2	2	2	3
Zinc	ppm	554	550	546	582
Phosphore	ppm	461	458	469	519
Baryum	ppm	0	0	0	0
Bore	ppm	<1	<1	0	<1

Depot: MET70ETO
Unique No: 5798711
Signed: Wes Davis
Report Date: 12 Jun 2024

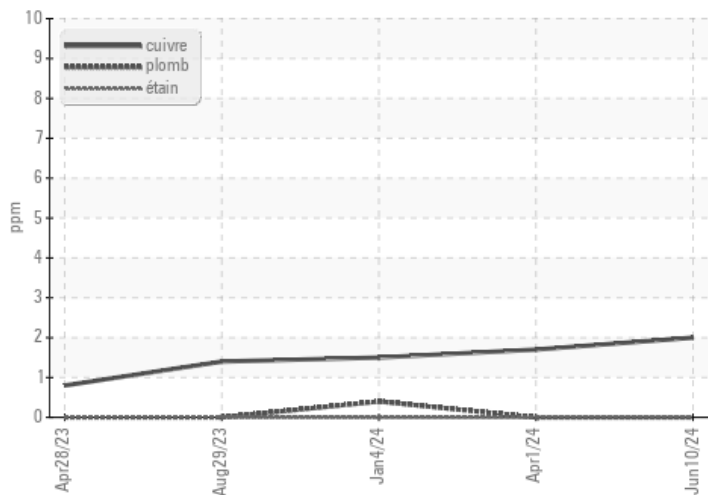


Graphs

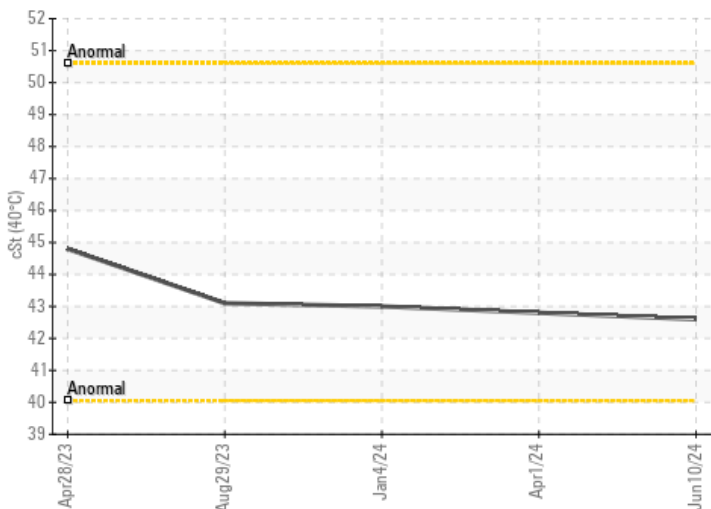
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

