

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 144842-1216 - Hydraulic System

Sample No: LH0290886

Oil Type: {unknown}



Information sur l'échantillon

Numéro d'échant.	LH0290886	LH0270194	LH0274654	LH0256569
Date d'échant.	07 Jul 2024	27 Feb 2024	23 Aug 2023	09 Mar 2023
Heures de la Machine	2929	2406	1252	561
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

American Iron and Metal
140 DOWTY ROAD
AJAX, ON
CA L1S 1P7
Contact: Service Manager



État d'huile

Visc 40°C	cSt	41.9	41.9	42.4	43.5

T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		3105	1546	6660	10970
Particules >6µ		698	364	1401	1117
Particules >14µ		52	23	76	16
ISO 4406:1999 (c)		19/17/13	18/16/12	20/18/13	21/17/11
Silicium	ppm	2	4	4	3
Sodium	ppm	1	2	2	1
Potassium	ppm	<1	2	<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	5	8	7	7
Cuivre	ppm	2	2	2	1
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	0	0	<1	0
Nickel	ppm	<1	0	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

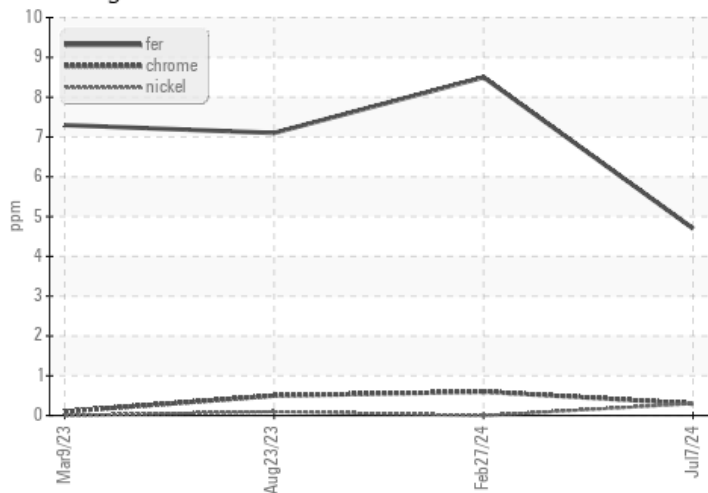
Calcium	ppm	502	1020	1079	1247
Magnésium	ppm	2	4	5	5
Zinc	ppm	674	647	684	680
Phosphore	ppm	555	577	633	666
Baryum	ppm	6	1	<1	0
Bore	ppm	<1	<1	1	1

Depot: AME140AJA
Unique No: 5811850
Signed: Wes Davis
Report Date: 09 Jul 2024

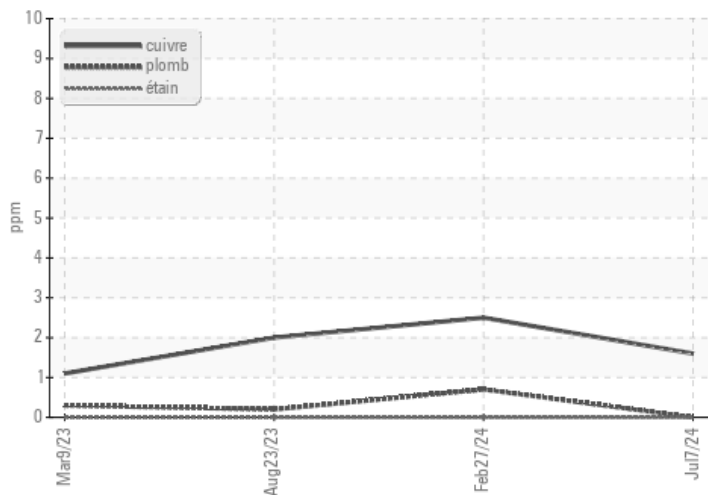


Graphs

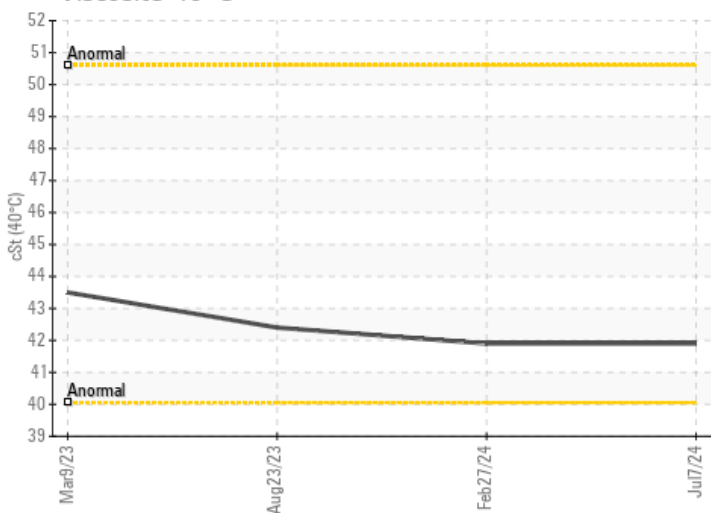
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

