

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 112545-1253 - Hydraulic System

Sample No: LH0242375

Oil Type: {unknown}

GREEN METALS CANADA

224 BEARDS LANE

WOODSTOCK, ON

CA N4S 7W3

Contact: Jamie Depotie

jdepotie@gmcan.ca

T: (519)539-1313

F: (519)539-5130

Diagnostic

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Light concentration of visible metal present. All other component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



Information sur l'échantillon

Numéro d'échant.		LH0242375	LH0289581	LH0274832	LH
Date d'échant.		10 May 2024	06 May 2024	04 Mar 2024	07 Dec 2023
Heures de la Machine		0	15168	0	13530
Heures de l'huile		0	0	0	0
Huile changée		N/A	Changed	N/A	N/A
Statut de l'échant.		ABNORMAL	ABNORMAL	NORMAL	NORMAL



État d'huile

Visc 40°C	cSt	81.3	● 40.5	● 40.9	● 41.4
-----------	-----	-------------	--------	--------	--------



Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4μ		● 96623	● 26508	● 5258	● 3429
Particules >6μ		● 29254	● 6599	● 1586	● 891
Particules >14μ		● 734	● 356	● 125	● 42
ISO 4406:1999 (c)		24/22/17	22/20/16	20/18/14	19/17/13
Silicium	ppm	● 2	● 0	● <1	● <1
Sodium	ppm	● 1	● 2	● 2	● 3
Potassium	ppm	● <1	● <1	● 1	● 3



Métaux d'usure

Fer	ppm	● 2	● 25	● 22	● 20
Cuivre	ppm	● 4	● 6	● 6	● 5
Plomb	ppm	● 0	● 0	● <1	● <1
Étain	ppm	● 0	● 0	● 0	● 0
Aluminium	ppm	● <1	● 0	● <1	● <1
Chrome	ppm	● 0	● <1	● <1	● <1
Molybdène	ppm	55	0	0	0
Nickel	ppm	● 0	● 0	● 0	● <1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	<1	<1	0	0
Vanadium	ppm	0	0	0	0



Additifs

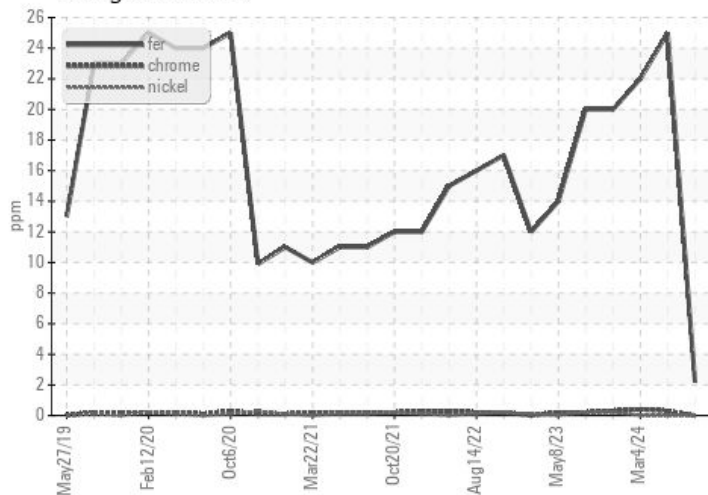
Calcium	ppm	1013	290	293	290
Magnésium	ppm	892	4	4	3
Zinc	ppm	1105	777	784	792
Phosphore	ppm	973	606	634	605
Baryum	ppm	0	0	0	<1
Bore	ppm	5	<1	<1	<1

Depot: GRE224WOO
 Unique No: 5785279
 Signed: Kevin Marson
 Report Date: 21 May 2024

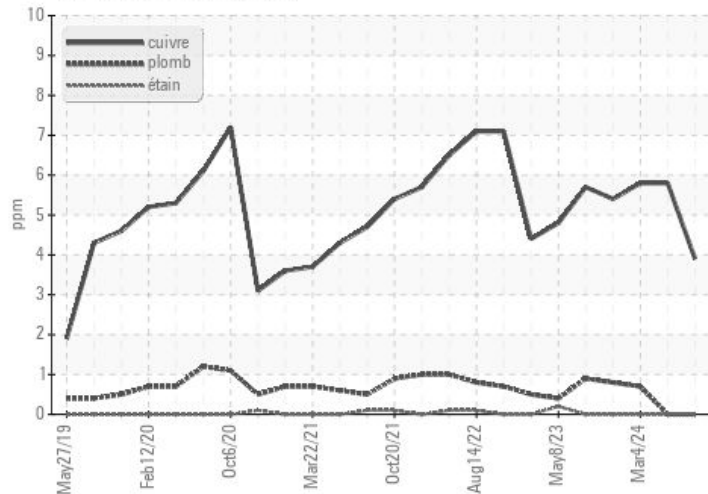


Graphs

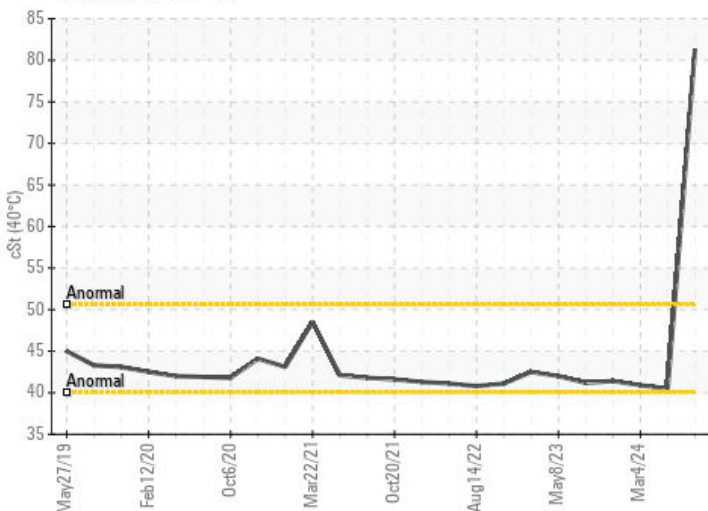
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Particle Filter (Magn: 100 x)

