



### LIEBHERR LH30M 112545-1253 - Hydraulic System

Sample No: LH0289581

Oil Type: {unknown}



#### Information sur l'échantillon

Numéro d'échant.	LH0289581	LH0274832	LH	LH0270118
Date d'échant.	06 May 2024	04 Mar 2024	07 Dec 2023	27 Sep 2023
Heures de la Machine	15168	0	13530	1297
Heures de l'huile	0	0	0	0
Huile changée	Changed	N/A	N/A	Not Changd
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	MARGINAL

#### GREEN METALS CANADA

224 BEARDS LANE  
WOODSTOCK, ON  
CA N4S 7W3

Contact: Jamie Depotie  
jdepotie@gmcan.ca  
T: (519)539-1313  
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#### État d'huile

Visc 40°C	cSt	40.5	40.9	41.4	41.2
Visc 100°C	cSt	---	---	---	7.7
Indice de viscosité (VI)	Scale	---	---	---	158



#### Contamination

Eau	%	0.157	NEG	NEG	NEG
Particules >4µ		26508	5258	3429	3642
Particules >6µ		6599	1586	891	889
Particules >14µ		356	125	42	43
ISO 4406:1999 (c)		22/20/16	20/18/14	19/17/13	19/17/13
Silicium	ppm	0	<1	<1	<1
Sodium	ppm	2	2	3	2
Potassium	ppm	<1	1	3	0



#### Métaux d'usure

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



#### Additifs

Calcium	ppm	290	293	290	310
Magnésium	ppm	4	4	3	3
Zinc	ppm	777	784	792	799
Phosphore	ppm	606	634	605	627
Baryum	ppm	0	0	<1	<1
Bore	ppm	<1	<1	<1	<1

#### Diagnostic

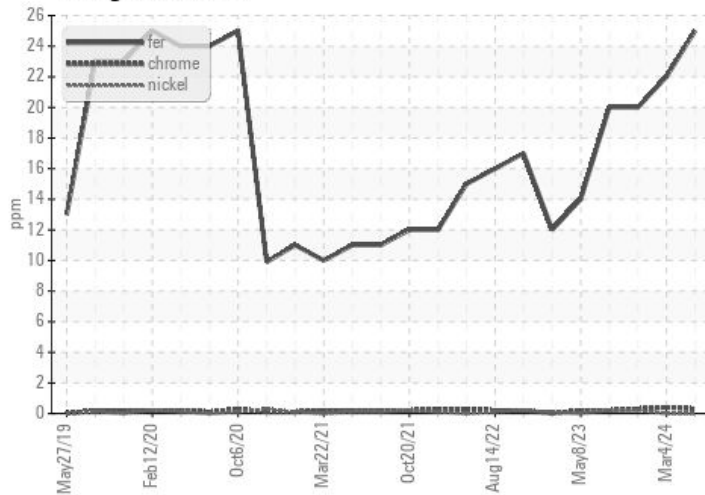
We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Please note that this is a corrected copy. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. There is a moderate concentration of water present in the oil. Free water present. The oil is no longer serviceable due to the presence of contaminants.

Depot: GRE224WOO  
Unique No: 5775046  
Signed: Kevin Marson  
Report Date: 28 May 2024

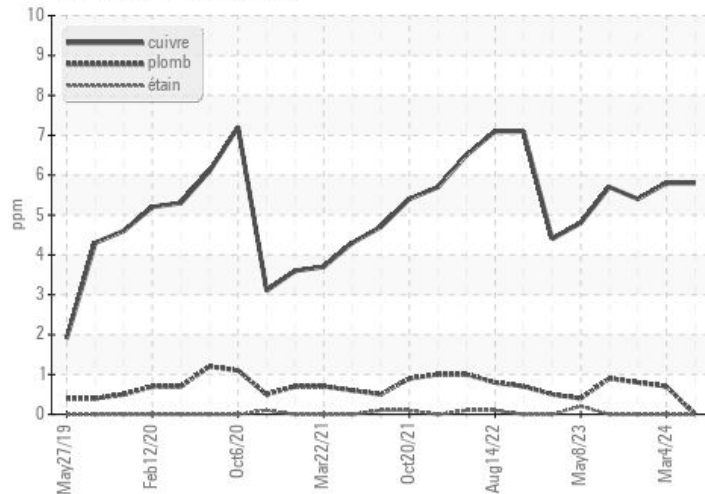


### Graphs

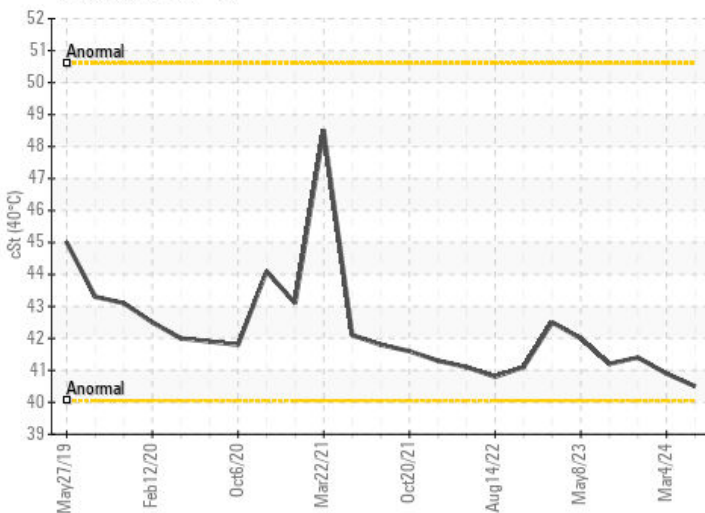
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

