

LIEBHERR

CONSTRUCTION EQUIPMENT



[(338032)] LIEBHERR LH50M 126428-1216 - Hydraulic System

Sample No: LH0274489

Oil Type: ISO 46



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274489	LH0265747	LH0251869	LH0251883
Date d'échant.	16 Aug 2023	11 Jun 2023	03 Apr 2023	17 Jan 2023
Heures de la Machine	9184	8595	8117	7554
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	Not Changd
Statut de l'échant.	ABNORMAL	ATTENTION	ATTENTION	ATTENTION

COMBINED METAL INDUSTRIES
454 DOBBIE DRIVE
CAMBRIDGE, ON
CA N1T 1S7
Contact: Service Manager



ÉTAT D'HUILE

Visc 40°C	cSt	41.5	41.8	41.5	41.5
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T:
F:



CONTAMINATION

Particules >4µ		57643	11957	2618	3488
Particules >6µ		17281	3217	623	794
Particules >14µ		1891	224	38	43
ISO 4406:1999 (c)		23/21/18	21/19/15	19/16/12	19/17/13
Silicium	ppm	2	2	1	1
Sodium	ppm	1	1	1	1
Potassium	ppm	<1	<1	0	<1

Diagnostic

We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition. Iron ppm levels are noted. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. All other component wear rates are normal. There is a moderate amount of particulates (2 to 100 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



MÉTAUX D'USURE

PQ		0	0	0	0
Fer	ppm	57	54	60	60
Cuivre	ppm	3	3	3	3
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	2	2	2	2
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	<1	0	0
Manganèse	ppm	<1	<1	1	1
Vanadium	ppm	0	0	0	0



ADDITIFS

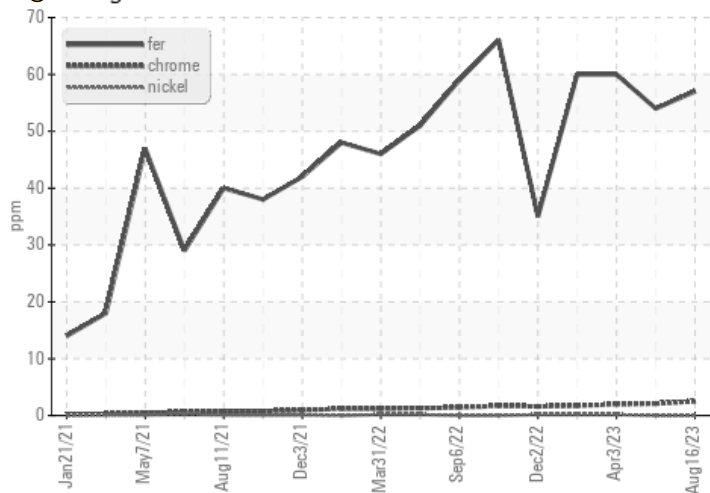
Calcium	ppm	334	362	411	447
Magnésium	ppm	2	2	2	2
Zinc	ppm	807	786	790	778
Phosphore	ppm	670	693	686	667
Baryum	ppm	0	0	0	0
Bore	ppm	1	<1	<1	<1

Depot: COM454CAM
Unique No: 5629587
Signed: Kevin Marson
Report Date: 18 Aug 2023

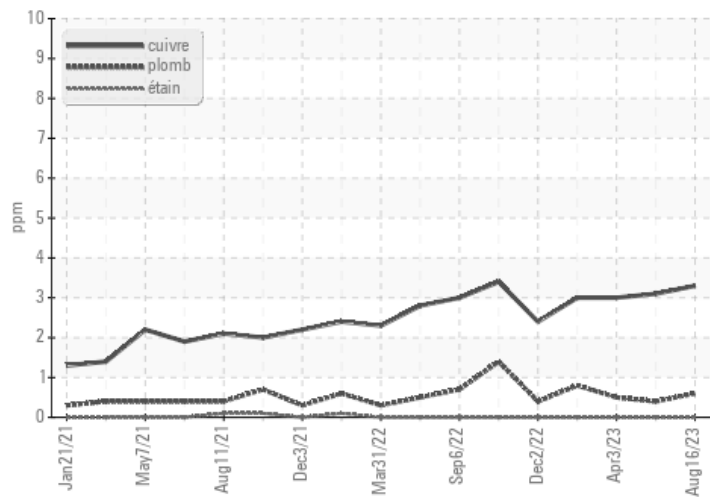


GRAPHS

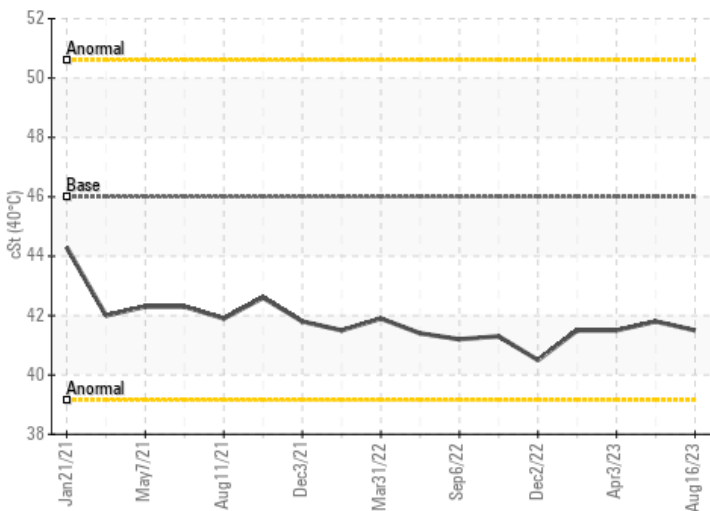
● Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



● Comptage de particules

