

LIEBHERR

CONSTRUCTION EQUIPMENT



[(375485)] LIEBHERR L556 068166-1826 - Hydraulic System

Sample No: LH0296377

Oil Type: {unknown}



Information sur l'échantillon

Numéro d'échant.	LH0296377	LH0274638	LH0261379	LH0242440
Date d'échant.	07 Jul 2024	16 Aug 2023	27 Apr 2023	01 Nov 2022
Heures de la Machine	3403	1747	1157	486
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	Not Changd
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	ABNORMAL

MILLER WASTE SYSTEMS

8050 WOODBINE AVE

MARKHAM, ON

CA L3R 2N8

Contact: Gord Allan



État d'huile

Visc 40°C	cSt	44.4	44.9	46.0	46.5
		●	●	●	●

T:

F: (905)475-6396



Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		● 57105	● 5486	● 13741	● 46459
Particules >6µ		● 20982	● 1690	● 1447	● 5654
Particules >14µ		● 2827	● 217	● 43	● 66
ISO 4406:1999 (c)		23/22/19	20/18/15	21/18/13	23/20/13
Silicium	ppm	● 3	● 3	● 2	● 4
Sodium	ppm	● 1	● <1	● <1	● 1
Potassium	ppm	● 4	● 1	● <1	● <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. Please specify the brand, type, and viscosity of the oil on your next sample. All 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

Fer	ppm	● 11	● 6	● 4	● 4
Cuivre	ppm	● 2	● 1	● <1	● 1
Plomb	ppm	● 5	● 4	● 1	● 2
Étain	ppm	● 0	● 0	● 0	● 0
Aluminium	ppm	● 1	● 1	● <1	● 1
Chrome	ppm	● 1	● <1	● <1	● <1
Molybdène	ppm	0	0	0	0
Nickel	ppm	● <1	● 0	● <1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	0	0	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	486	544	550	1451
Magnésium	ppm	2	2	2	4
Zinc	ppm	812	798	767	709
Phosphore	ppm	646	678	681	677
Baryum	ppm	<1	0	0	0
Bore	ppm	15	<1	<1	<1

Depot: MILMAR

Unique No: 5811859

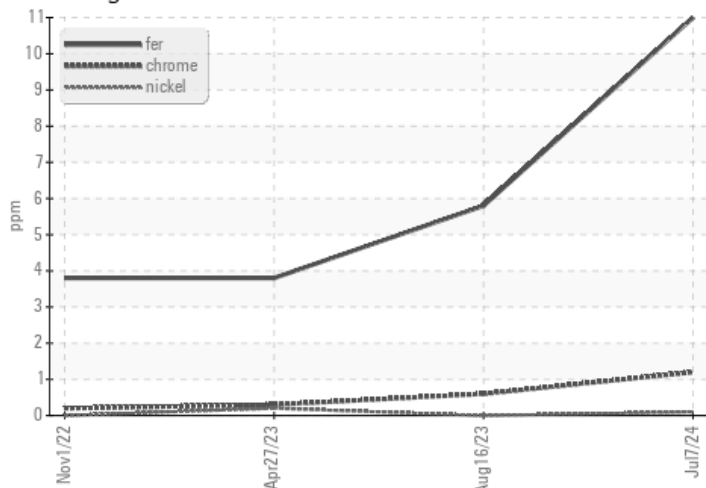
Signed: Wes Davis

Report Date: 09 Jul 2024

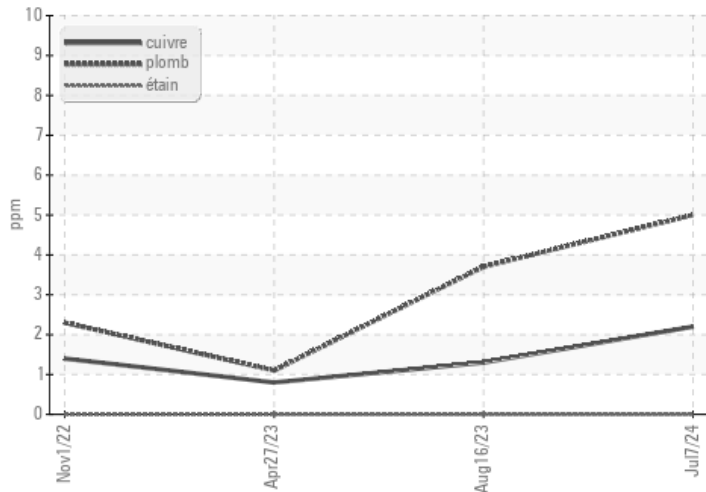


Graphs

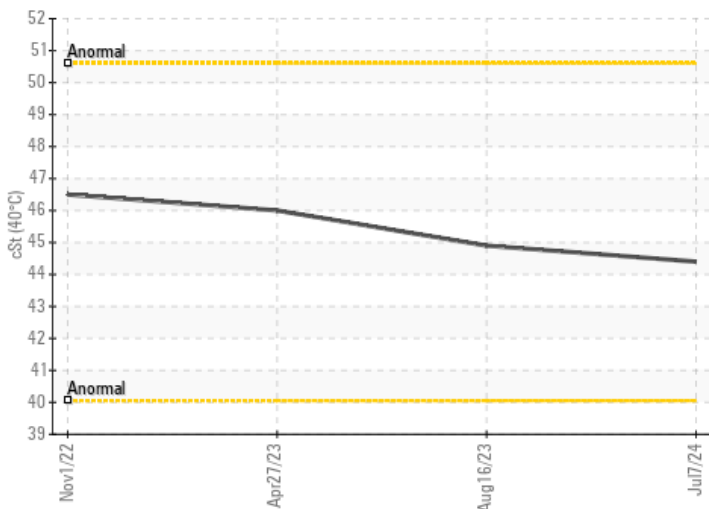
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

