LIEBHERR
CONSTRUCTION EQUIPMENT

LIEBHERR LH22M 142190-1250 - Hydraulic System

Sample No: LH0296506

Oil Type: {unknown}

Combined Metals Industries
8470 Keele Street
Concord, ON
CA L4K 2S1
Contact: Service Manager

T:
F:

Information sur l'échantillon

Numéro d'échant.		**LH0296506**	LH0291305	LH0285130	LH0278909
Date d'échant.		**07 Jul 2024**	02 May 2024	29 Jan 2024	20 Nov 2023
Heures de la Machine		**3473**	2979	2241	1772
Heures de l'huile		**0**	0	0	0
Huile changée		**Not Changd**	Changed	Not Changd	Not Changd
Statut de l'echant.		**NORMAL**	NORMAL	NORMAL	ATTENTION

État d'huile

Visc 40°C	cSt	**42.2**	42.2	42.5	47.0

Contamination

Eau	%	**NEG**	NEG	NEG	NEG
Particules >4µ		**3811**	9226	7644	19097
Particules >6µ		**986**	2392	1871	5310
Particules >14µ		**75**	180	120	199
ISO 4406:1999 (c)		**19/17/13**	20/18/15	20/18/14	21/20/15
Silicium	ppm	**3**	2	3	<1
Sodium	ppm	**2**	2	2	<1
Potassium	ppm	**2**	<1	1	0

Métaux d'usure

Fer	ppm	**7**	6	6	0
Cuivre	ppm	**3**	3	2	<1
Plomb	ppm	**<1**	0	<1	0
Étain	ppm	**0**	0	0	0
Aluminium	ppm	**1**	<1	<1	0
Chrome	ppm	**1**	<1	<1	0
Molybdène	ppm	**0**	0	0	0
Nickel	ppm	**<1**	0	<1	0
Titane	ppm	**0**	0	0	0
Argent	ppm	**0**	0	0	<1
Manganèse	ppm	**0**	0	0	0
Vanadium	ppm	**0**	0	0	0

Additifs

Calcium	ppm	**1024**	1059	1104	100
Magnésium	ppm	**4**	4	4	<1
Zinc	ppm	**733**	723	710	841
Phosphore	ppm	**604**	610	600	642
Baryum	ppm	**<1**	0	0	<1
Bore	ppm	**10**	<1	<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.

Depot: COM847CON
Unique No: 5811862
Signed: Wes Davis
Report Date: 09 Jul 2024

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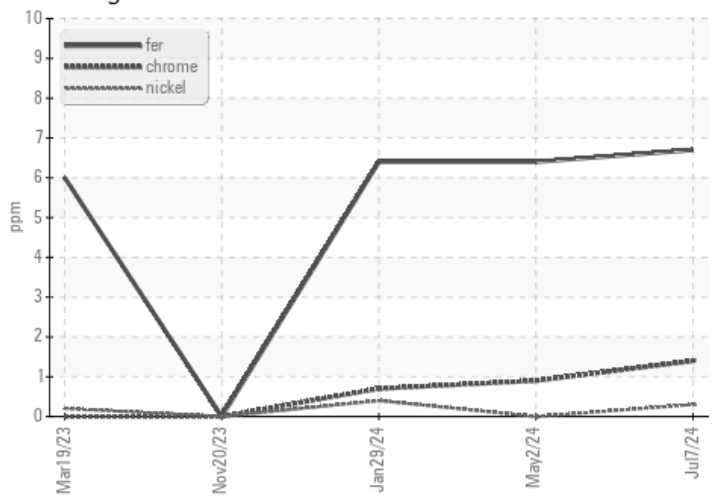
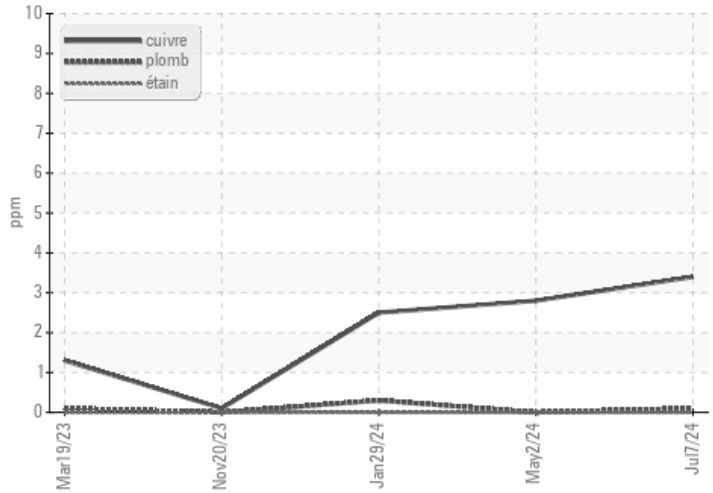
Graphs

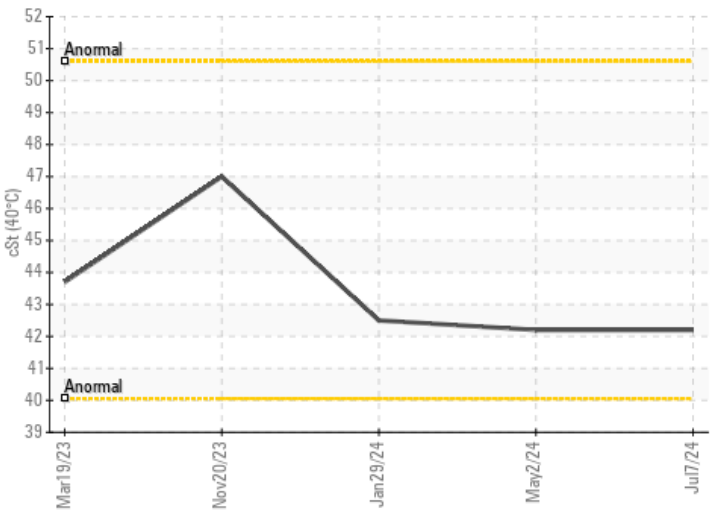
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules