

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 145111-1217 - Hydraulic System

Sample No: LH0261761

Oil Type: NOT GIVEN

RAM IRON AND METAL

60 Ashwarren Road

TORONTO, ON

CA M3J 1Z5

Contact: PETER RACCO

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F: (416)630-5258

Diagnostic

We advise that you check for visible metal particles in the oil. 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. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.		LH0261761	LH0266080	LH0261413	---
Date d'échant.		06 Sep 2023	20 Jun 2023	27 Apr 2023	---
Heures de la Machine		2048	1188	558	---
Heures de l'huile		0	0	0	---
Huile changée		Not Changd	Not Changd	Not Changd	---
Statut de l'échant.		MARGINAL	NORMAL	NORMAL	---



ÉTAT D'HUILE

Visc 40°C	cSt	● 37.7	● 41.2	● 42.6	---
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CONTAMINATION

Particules >4μ		● 5063	● 4632	● 7521	---
Particules >6μ		● 1285	● 1052	● 1754	---
Particules >14μ		● 73	● 37	● 89	---
ISO 4406:1999 (c)		20/17/13	19/17/12	20/18/14	---
Silicium	ppm	● 4	● 3	● 2	---
Sodium	ppm	● 2	● 2	● <1	---
Potassium	ppm	● <1	● 1	● 1	---



MÉTAUX D'USURE

Fer	ppm	● 54	● 35	● 13	---
Cuivre	ppm	● 10	● 6	● 2	---
Plomb	ppm	● <1	● <1	● <1	---
Étain	ppm	● 0	● 0	● 0	---
Aluminium	ppm	● <1	● <1	● <1	---
Chrome	ppm	● <1	● <1	● <1	---
Molybdène	ppm	0	0	0	---
Nickel	ppm	● 0	● <1	● <1	---
Titane	ppm	0	0	0	---
Argent	ppm	0	0	0	---
Manganèse	ppm	1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIFS

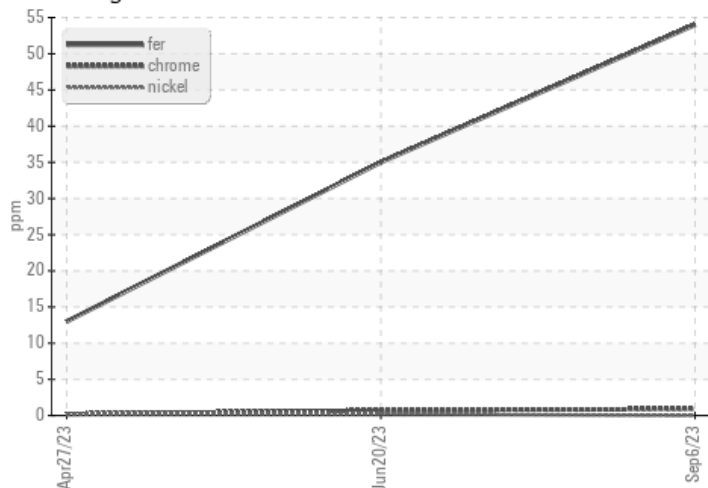
Calcium	ppm	961	1087	1136	---
Magnésium	ppm	6	6	6	---
Zinc	ppm	613	649	639	---
Phosphore	ppm	554	616	628	---
Baryum	ppm	0	2	0	---
Bore	ppm	1	<1	1	---

Depot: RAMTOR
 Unique No: 5642234
 Signed: Kevin Marson
 Report Date: 11 Sep 2023

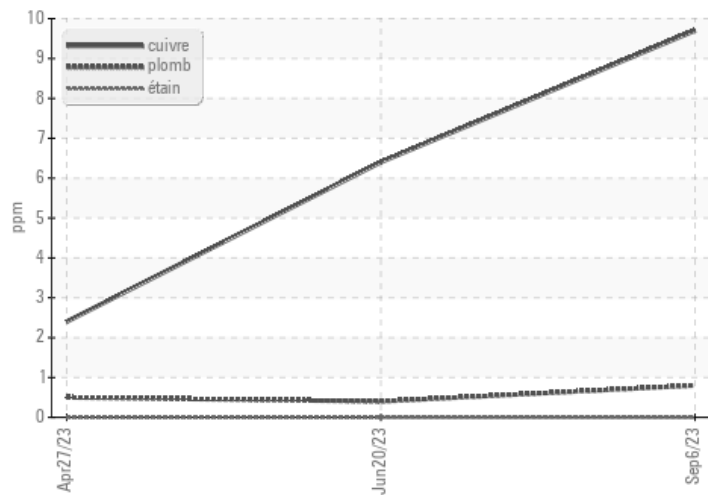


GRAPHS

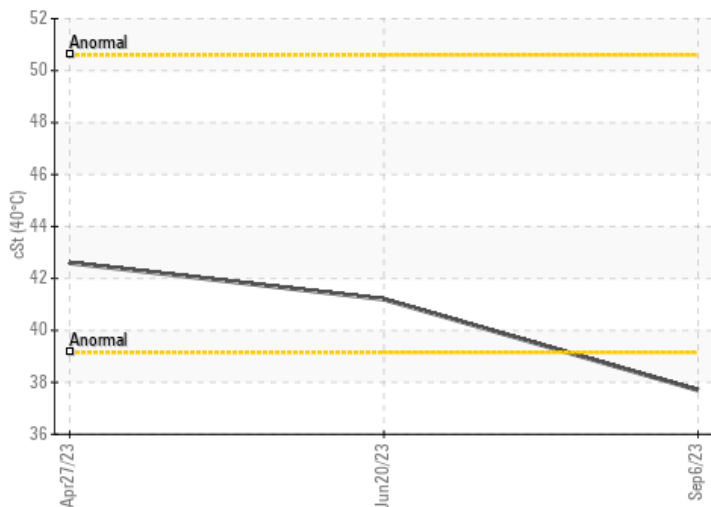
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Particle Filter (Magn: 100 x)

