



LIEBHERR LH60M 145111-1217 - Hydraulic System

Sample No: LH0266080

Oil Type: NOT GIVEN



INFORMATION SUR L'ÉCHANTILLON

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

RAM IRON AND METAL

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ÉTAT D'HUILE

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

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



MÉTAUX D'USURE

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



ADDITIFS

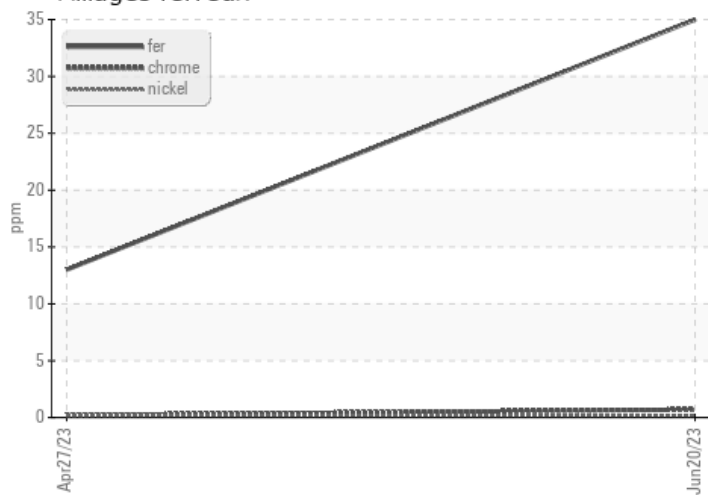
Calcium	ppm	1087	1136	---	---
Magnésium	ppm	6	6	---	---
Zinc	ppm	649	639	---	---
Phosphore	ppm	616	628	---	---
Baryum	ppm	2	0	---	---
Bore	ppm	<1	1	---	---

Depot: RAMTOR
Unique No: 5605864
Signed: Wes Davis
Report Date: 11 Jul 2023

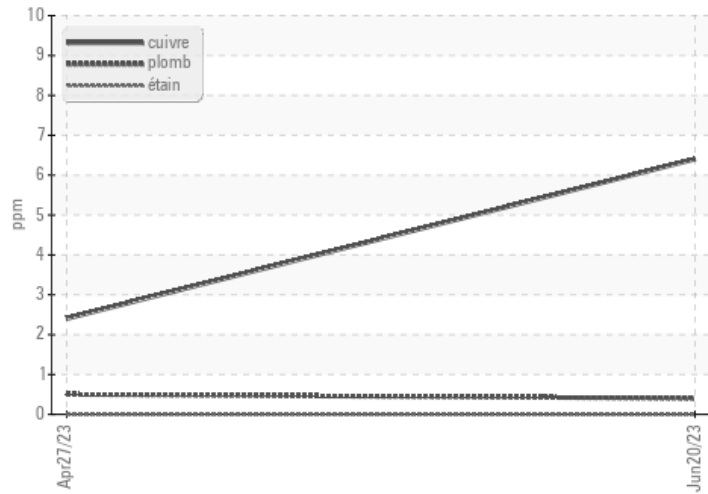


GRAPHS

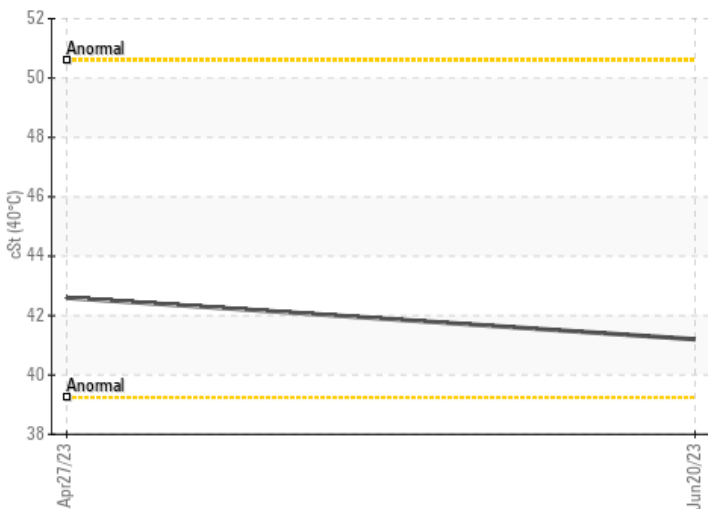
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

