LIEBHERR
CONSTRUCTION EQUIPMENT

[(366422)] LIEBHERR LH30M 135772-1253 - Front Right Whe

Sample No: LH

Oil Type: IRVING HDH SAE 75W90

Information sur l'échantillon

Numéro d'échant.		**LH**	LH0223413	---	---
Date d'échant.		**03 May 2024**	13 Oct 2023	---	---
Heures de la Machine		**6597**	4937	---	---
Heures de l'huile		**0**	0	---	---
Huile changée		**Changed**	Changed	---	---
Statut de l'echant.		**SEVERE**	NORMAL	---	---

État d'huile

Visc 40°C	cSt	**82.3**	91.7	---	---

Contamination

Eau	%	**NEG**	NEG	---	---
Silicium	ppm	**339**	18	---	---
Sodium	ppm	**30**	7	---	---
Potassium	ppm	**39**	1	---	---

Métaux d'usure

PQ		**386**	---	---	---
Fer	ppm	**982**	190	---	---
Cuivre	ppm	**12**	4	---	---
Plomb	ppm	**0**	<1	---	---
Étain	ppm	**0**	0	---	---
Aluminium	ppm	**101**	3	---	---
Chrome	ppm	**8**	<1	---	---
Molybdène	ppm	**0**	0	---	---
Nickel	ppm	**<1**	<1	---	---
Titane	ppm	**7**	0	---	---
Argent	ppm	**0**	<1	---	---
Manganèse	ppm	**10**	2	---	---
Vanadium	ppm	**0**	0	---	---

Additifs

Calcium	ppm	**307**	87	---	---
Magnésium	ppm	**85**	6	---	---
Zinc	ppm	**92**	73	---	---
Phosphore	ppm	**1084**	895	---	---
Baryum	ppm	**4**	<1	---	---
Bore	ppm	**49**	54	---	---

HUBERT & FILS
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T:
F:

Diagnostic

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.Chromium and iron ppm levels are severe. Aluminum ppm levels are noted. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. High amount of ingressed dirt has caused abrasive wear to the component. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: HUBBOI
Unique No: 5787761
Signed: Kevin Marson
Report Date: 31 May 2024

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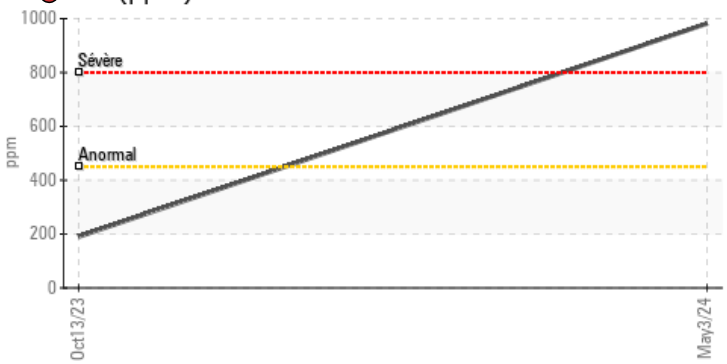
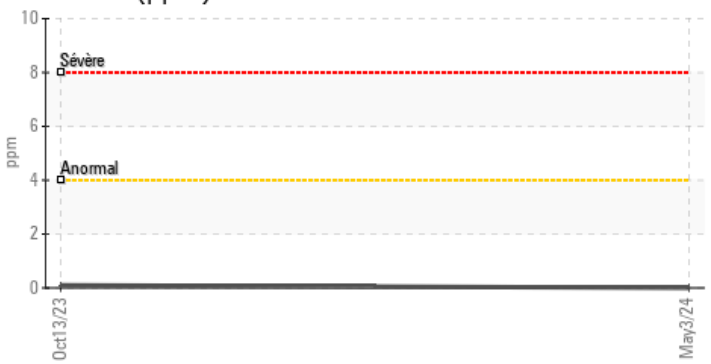
Graphs

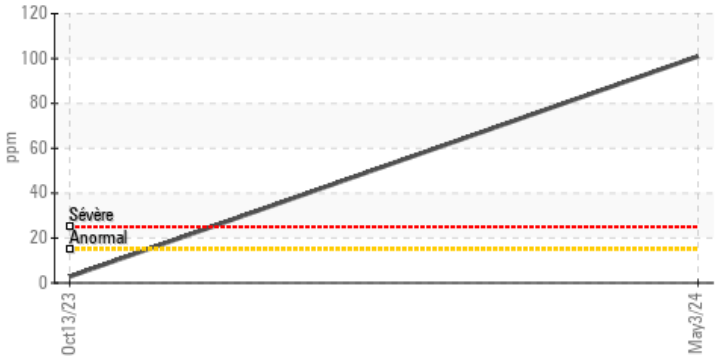
Fer (ppm)



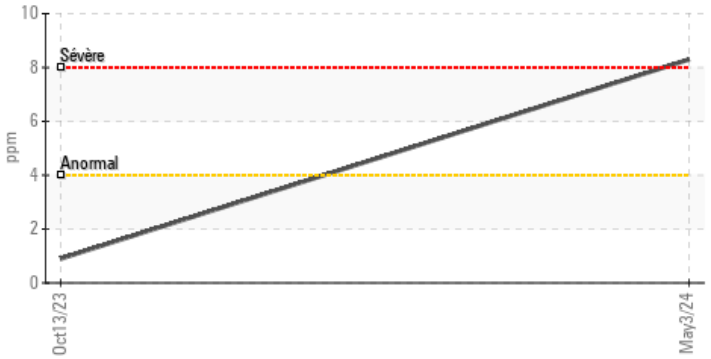
Plomb (ppm)



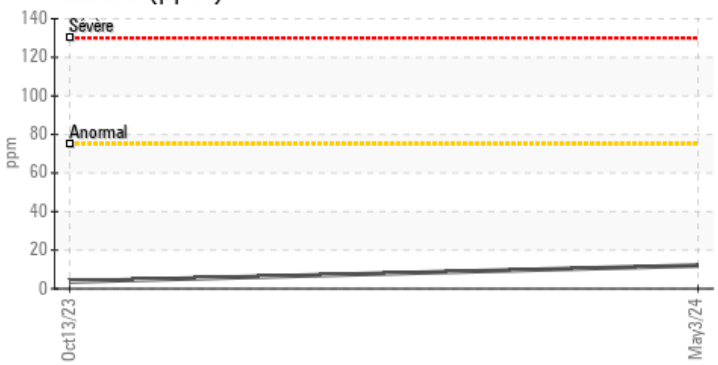
Aluminium (ppm)



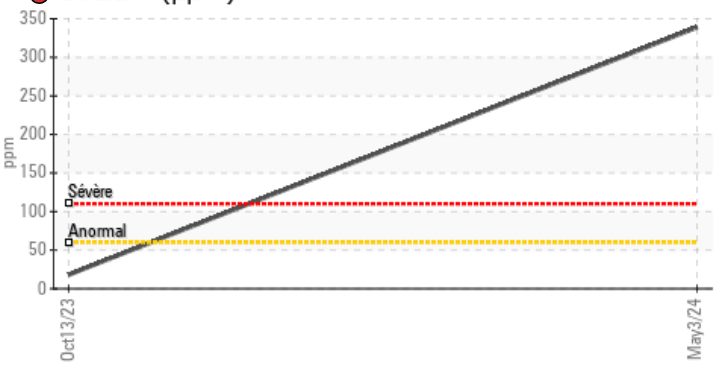
Chrome (ppm)



Cuivre (ppm)



Silicium (ppm)



Viscosité 40°C

PQ