



# LIEBHERR

## OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**LIEBHERR LH30M 150670-1253**  
Component  
**Front Right Wheel Hub**  
Fluid  
**{not provided} (--- GAL)**

### RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LH0271955</b>	LH0271943	LH0271931
Sample Date		Client Info		<b>22 Dec 2023</b>	13 Oct 2023	01 Sep 2023
Machine Age	hrs	Client Info		<b>1550</b>	825	458
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

Les taux d'usure de tous les composants sont normaux.

Iron	ppm	ASTM D5185(m)	>450	<b>84</b>	73	60
Chromium	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>15	<b>1</b>	1	1
Lead	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	1	<1
Copper	ppm	ASTM D5185(m)	>75	<b>13</b>	29	27
Tin	ppm	ASTM D5185(m)		<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

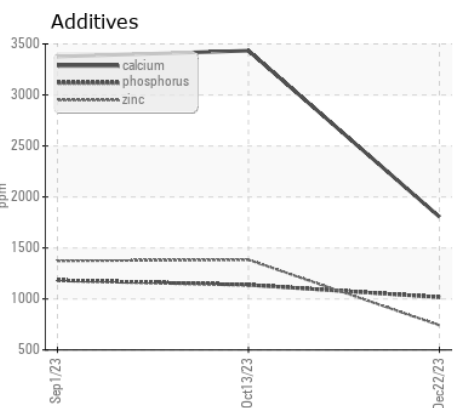
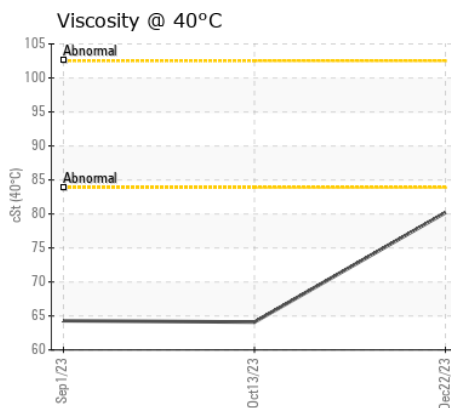
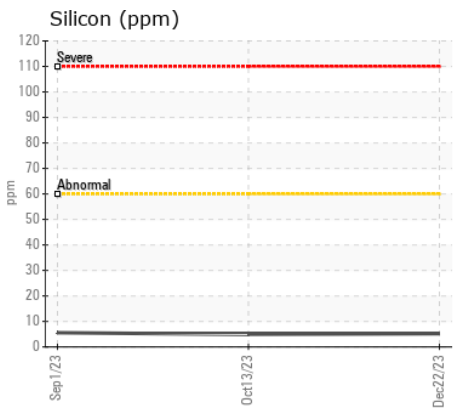
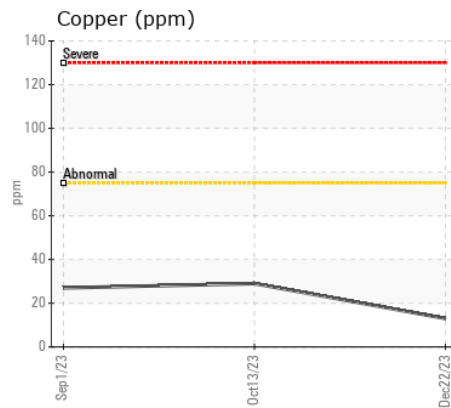
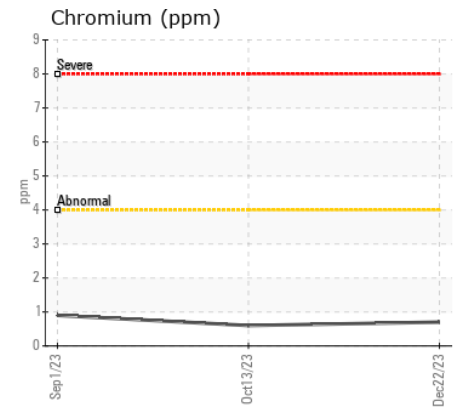
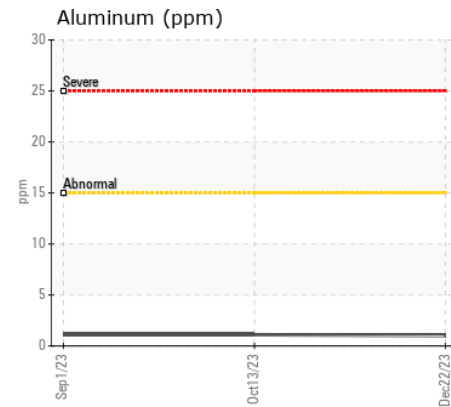
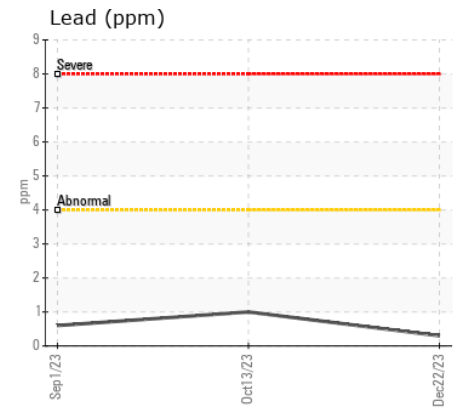
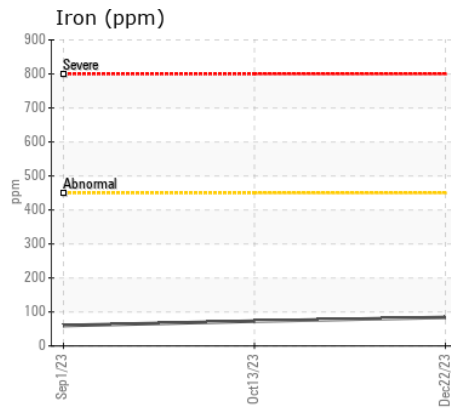
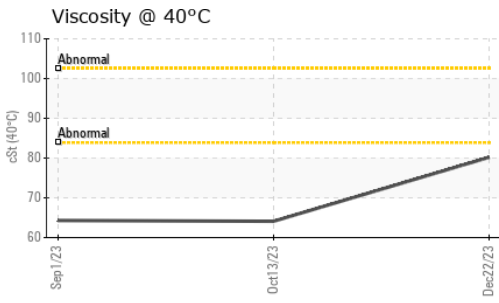
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>60	<b>5</b>	5	6
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	1	1
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>VLITE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>13</b>	21	21
Boron	ppm	ASTM D5185(m)		<b>95</b>	96	94
Barium	ppm	ASTM D5185(m)		<b>1</b>	2	2
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	2
Magnesium	ppm	ASTM D5185(m)		<b>5</b>	10	10
Calcium	ppm	ASTM D5185(m)		<b>1805</b>	3434	3376
Phosphorus	ppm	ASTM D5185(m)		<b>1017</b>	1138	1183
Zinc	ppm	ASTM D5185(m)		<b>742</b>	1384	1372
Sulfur	ppm	ASTM D5185(m)		<b>12222</b>	2930	3004
Visc @ 40°C	cSt	ASTM D7279(m)		<b>80.2</b>	64.1	64.3



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **Gestion Transfor - Transport La Dore**  
**Sample No.** : LH0271955 **Received** : 18 Jan 2024  
**Lab Number** : 02609772 **Diagnosed** : 18 Jan 2024  
**Unique Number** : 5710858 **Diagnostician** : Kevin Marson  
**Test Package** : MOBCE ( Additional Tests: Visual )

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To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.