



# LIEBHERR

## OIL ANALYSIS REPORT

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



Machine Id  
**LIEBHERR LH30M 150670-1253**  
Component  
**Transmission (Manual)**  
Fluid  
**TDTO FLUID SAE 10W (--- GAL)**

### RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LH0271953</b>	LH0271941	LH0271929
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)	>200	<b>55</b>	52	46
Chromium	ppm	ASTM D5185(m)	>5	<b>1</b>	<1	1
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>7	<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	<b>3</b>	3	3
Lead	ppm	ASTM D5185(m)	>45	<b>1</b>	2	1
Copper	ppm	ASTM D5185(m)	>225	<b>34</b>	48	41
Tin	ppm	ASTM D5185(m)	>10	<b>1</b>	1	1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	<1
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

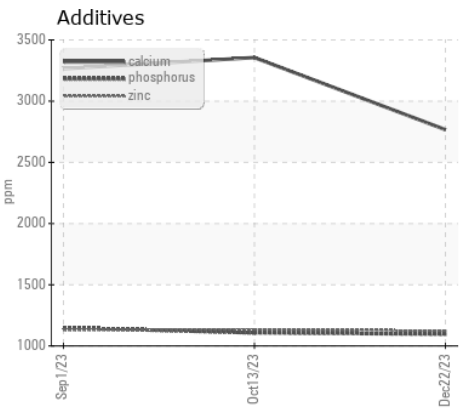
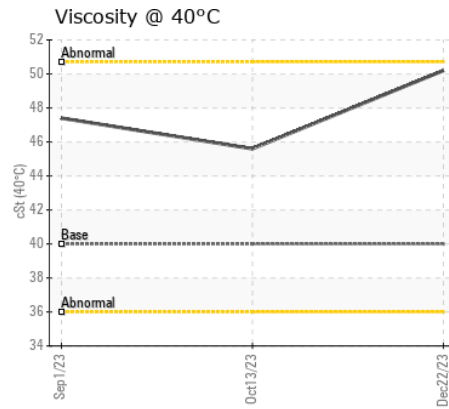
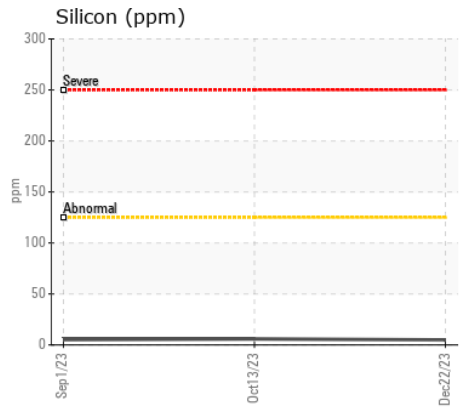
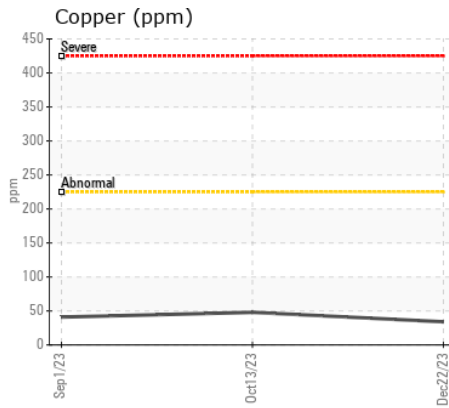
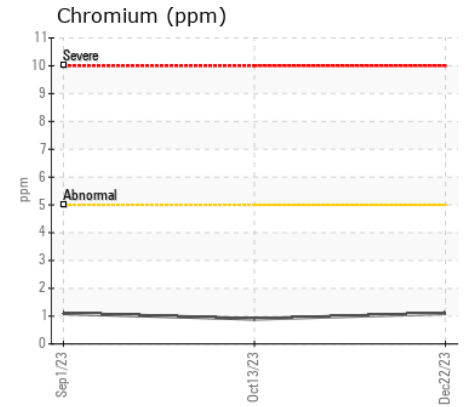
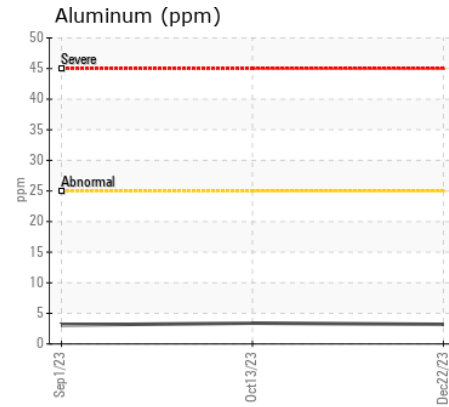
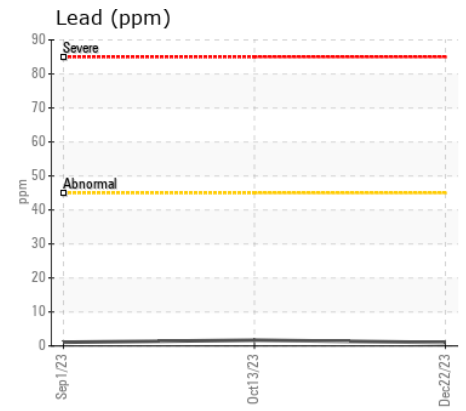
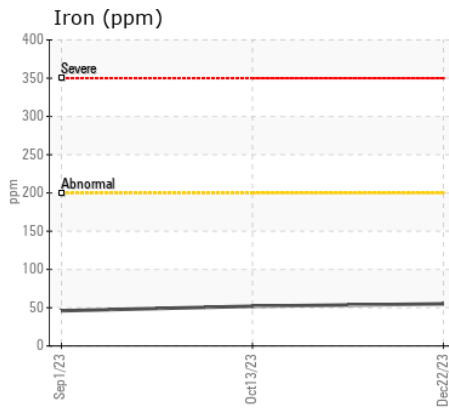
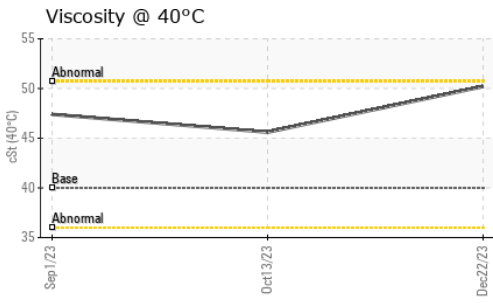
Il n'y a aucun indice de contamination dans le fluide.

Silicon	ppm	ASTM D5185(m)	>125	<b>5</b>	6	5
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	4	4
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	VLITE	VLITE
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*	>0.1	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

L'état de le fluide est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>26</b>	44	42
Boron	ppm	ASTM D5185(m)	37	<b>36</b>	5	4
Barium	ppm	ASTM D5185(m)	7	<b>&lt;1</b>	1	<1
Molybdenum	ppm	ASTM D5185(m)	5	<b>1</b>	0	0
Manganese	ppm	ASTM D5185(m)		<b>48</b>	71	68
Magnesium	ppm	ASTM D5185(m)	40	<b>15</b>	9	9
Calcium	ppm	ASTM D5185(m)	2650	<b>2767</b>	3356	3265
Phosphorus	ppm	ASTM D5185(m)	1050	<b>1096</b>	1107	1149
Zinc	ppm	ASTM D5185(m)	1075	<b>1123</b>	1134	1130
Sulfur	ppm	ASTM D5185(m)	5750	<b>6287</b>	7716	7650
Visc @ 40°C	cSt	ASTM D7279(m)	40	<b>50.2</b>	45.6	47.4



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **Gestion Transfor - Transport La Dore**  
**Sample No.** : LH0271953 **Received** : 18 Jan 2024 5750 Rue des Peupliers  
**Lab Number** : 02609768 **Diagnosed** : 18 Jan 2024 La Dore, QC  
**Unique Number** : 5710854 **Diagnostician** : Wes Davis CA G8J 1G4  
**Test Package** : MOBCE ( Additional Tests: Visual )

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.

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