



LIEBHERR

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
LIEBHERR LH30M 150670-1253
Component
Rear Right Wheel Hub
Fluid
SAE 80 (--- GAL)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill.
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		LH0271957	LH0271945	LH0271933
Sample Date		Client Info		22 Dec 2023	13 Oct 2023	01 Sep 2023
Machine Age	hrs	Client Info		1550	825	458
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>450	26	20	17
Chromium	ppm	ASTM D5185(m)	>4	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>15	<1	<1	1
Lead	ppm	ASTM D5185(m)	>4	0	<1	0
Copper	ppm	ASTM D5185(m)	>75	2	8	5
Tin	ppm	ASTM D5185(m)		0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

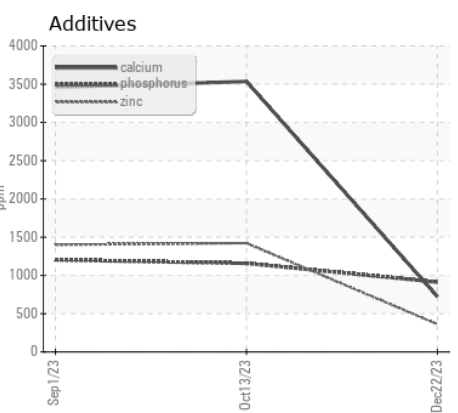
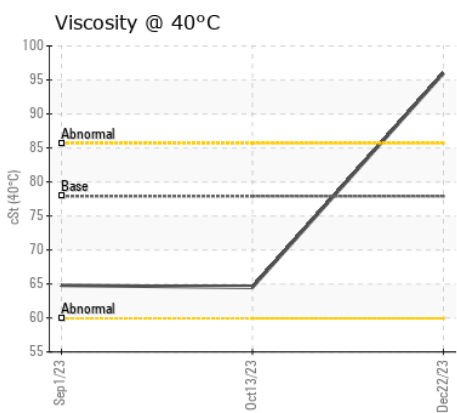
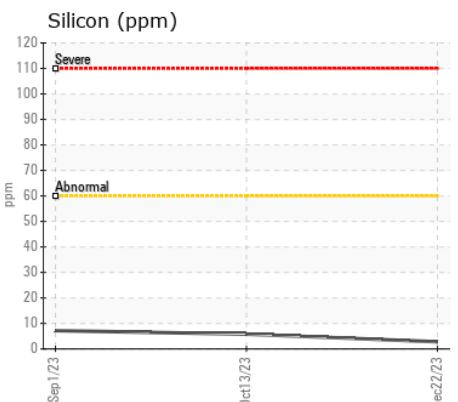
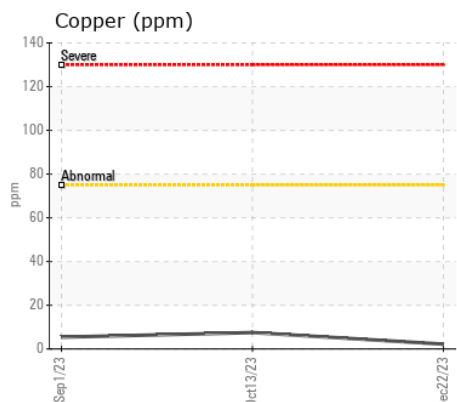
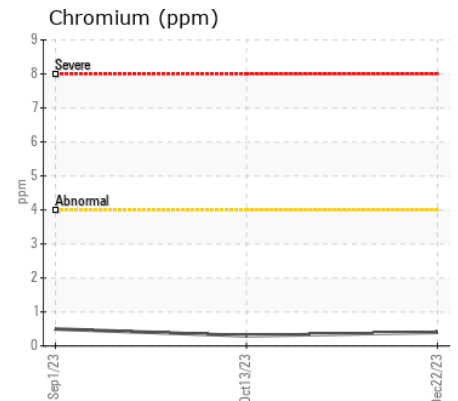
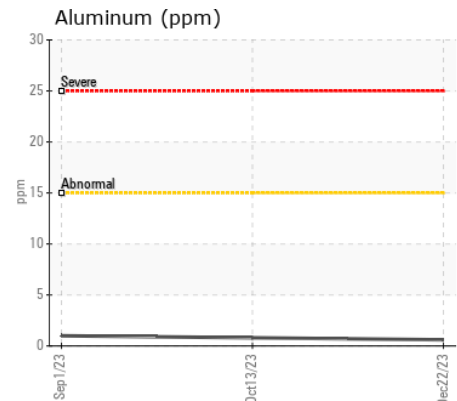
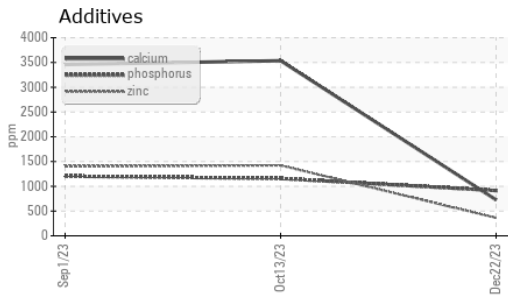
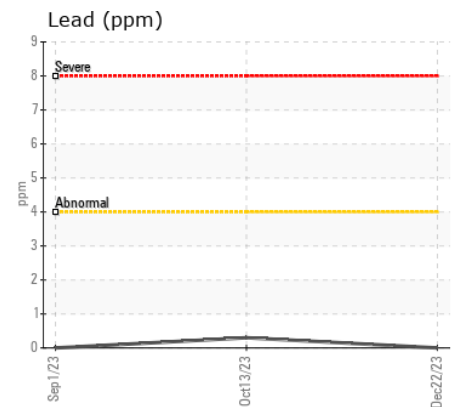
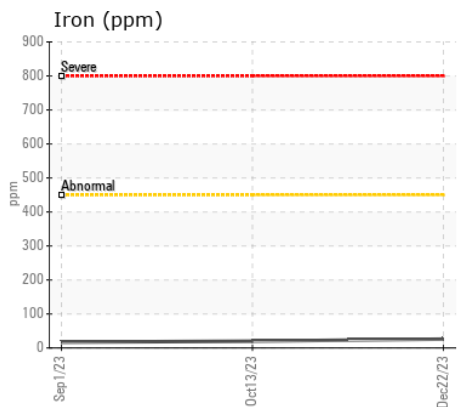
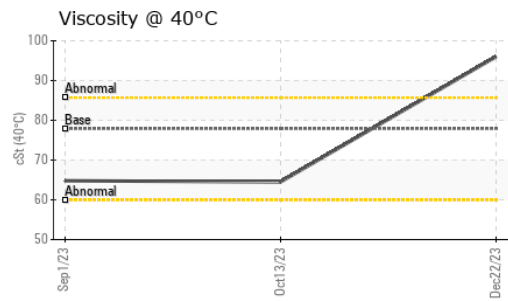
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>60	3	6	7
Potassium	ppm	ASTM D5185(m)	>20	1	1	<1
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

La viscosité de l'échantillon se situe dans la portée de l'SAE 75W90; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		4	17	17
Boron	ppm	ASTM D5185(m)		94	102	100
Barium	ppm	ASTM D5185(m)		<1	1	<1
Molybdenum	ppm	ASTM D5185(m)		0	0	<1
Manganese	ppm	ASTM D5185(m)		<1	2	2
Magnesium	ppm	ASTM D5185(m)		3	10	10
Calcium	ppm	ASTM D5185(m)		726	3536	3458
Phosphorus	ppm	ASTM D5185(m)		913	1158	1204
Zinc	ppm	ASTM D5185(m)		362	1422	1401
Sulfur	ppm	ASTM D5185(m)		18380	2943	2884
Visc @ 40°C	cSt	ASTM D7279(m)	77.9	96.0	64.5	64.8



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **Gestion Transfor - Transport La Dore**
Sample No. : LH0271957 **Received** : 18 Jan 2024 5750 Rue des Peupliers
Lab Number : 02609773 **Diagnosed** : 19 Jan 2024 La Dore, QC
Unique Number : 5710859 **Diagnostician** : Kevin Marson CA G8J 1G4
Test Package : MOBCE (Additional Tests: Visual)

To discuss this sample report, contact Customer Service at 1-800-268-2131. **Contact:** Eric Fortin
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. **efortin.transfor@hotmail.com**
 Validity of results and interpretation are based on the sample and information as supplied. **T: (418)258-1182**
F: (418)256-3973