



LIEBHERR

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
LIEBHERR LH30M 150670-1253
Component
Front Left 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		LH0271954	LH0271942	LH0271930
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	79	65	56
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	<1	1	<1
Copper	ppm	ASTM D5185(m)	>75	11	26	23
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

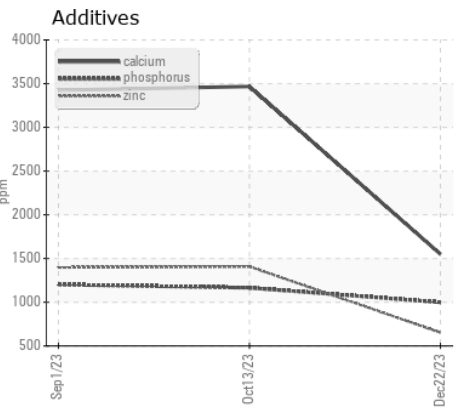
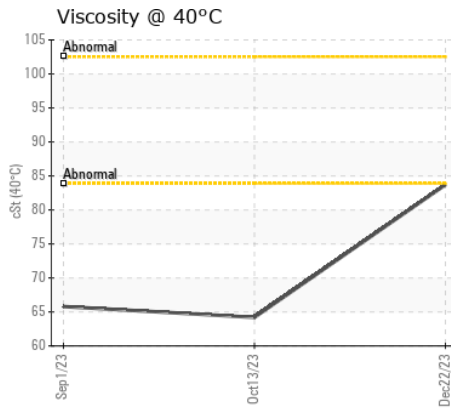
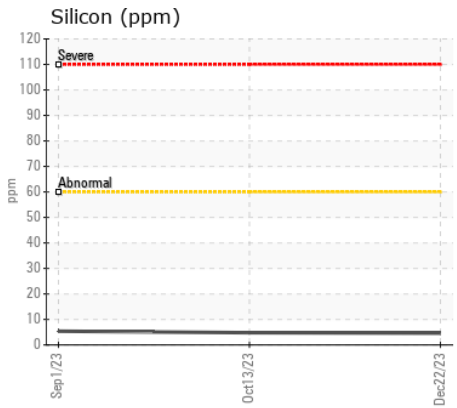
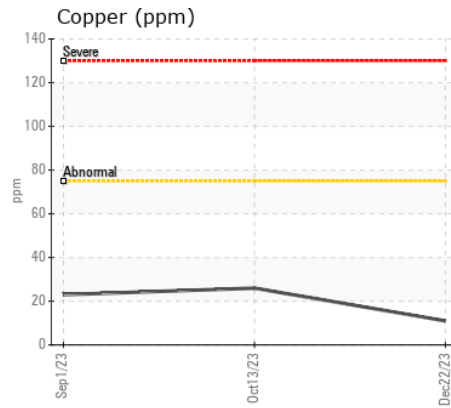
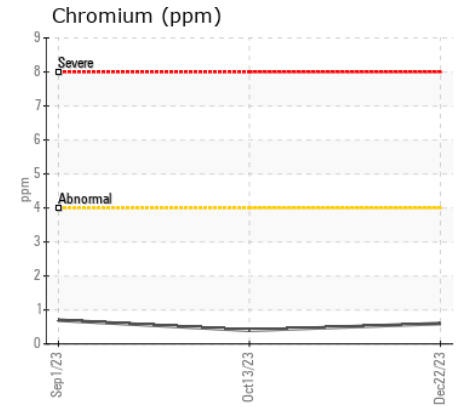
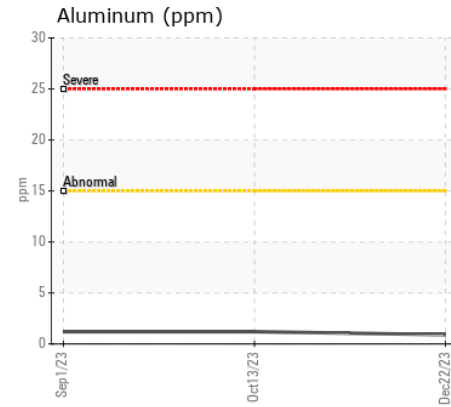
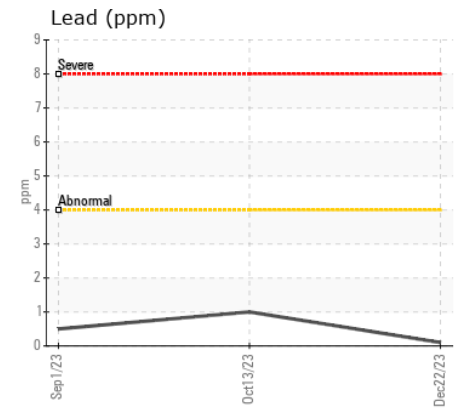
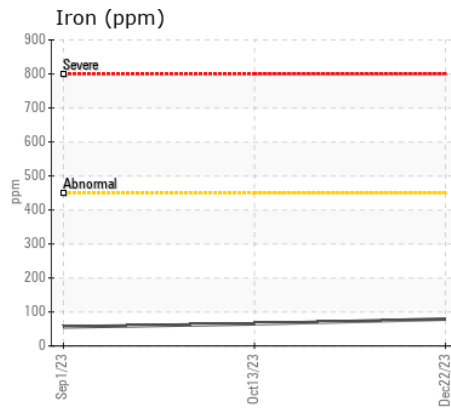
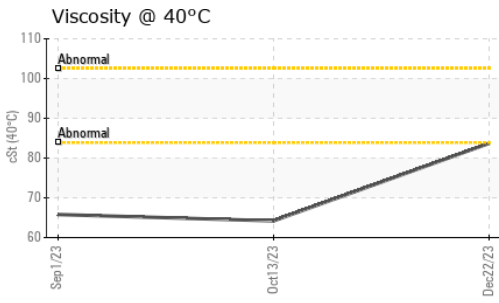
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>60	5	5	5
Potassium	ppm	ASTM D5185(m)	>20	2	1	1
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	VLITE	NONE	VLITE
Debris	scalar	Visual*	NONE	NONE	NONE	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 30; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		11	20	21
Boron	ppm	ASTM D5185(m)		93	99	96
Barium	ppm	ASTM D5185(m)		1	2	2
Molybdenum	ppm	ASTM D5185(m)		0	0	0
Manganese	ppm	ASTM D5185(m)		<1	<1	1
Magnesium	ppm	ASTM D5185(m)		5	10	10
Calcium	ppm	ASTM D5185(m)		1550	3468	3425
Phosphorus	ppm	ASTM D5185(m)		999	1165	1202
Zinc	ppm	ASTM D5185(m)		653	1408	1397
Sulfur	ppm	ASTM D5185(m)		14111	2885	3111
Visc @ 40°C	cSt	ASTM D7279(m)		83.7	64.2	65.8



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **Gestion Transfor - Transport La Dore**
Sample No. : LH0271954 **Received** : 18 Jan 2024 5750 Rue des Peupliers
Lab Number : 02609766 **Diagnosed** : 18 Jan 2024 La Dore, QC
Unique Number : 5710852 **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.

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.

Contact: Eric Fortin
 efortin.transfor@hotmail.com

T: (418)258-1182

F: (418)256-3973