



Identité de la machine

LIEBHERR LH50M 097459-1216

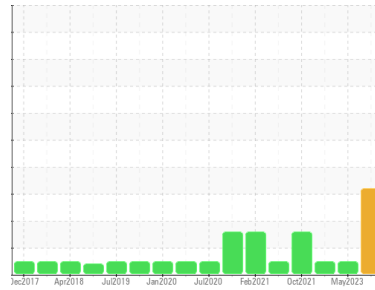
Composant

Entraînement de tourelle

Fluide

PETRO CANADA TRAXON 75W90 SYNTHETIC (4 LTR)

Sample Rating Trend



DIAGNOSTIC

▲ **Recommendation**

We advise that you check for the source of water entry. 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.

▲ **Usure**

Chromium and iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion.

▲ **Contamination**

There is a moderate concentration of water present in the oil.

État Du Fluide

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.

INFORMATION SUR L'éCHANTILLON

	methode	limite/base	actuel	passé1	passé2
Numéro d'échant.	Client Info		LH0277101	LH0250295	LH0238561
Date d'échant.	Client Info		13 Oct 2023	31 May 2023	24 Oct 2022
Âge d la Machine	hrs	Client Info	28718	26834	1000
Âge de l'huile	hrs	Client Info	0	0	0
Huile changée	Client Info		Changed	Changed	N/A
Statut de l'échant.			ABNORMAL	NORMAL	NORMAL

MÉTALUX D'USURE

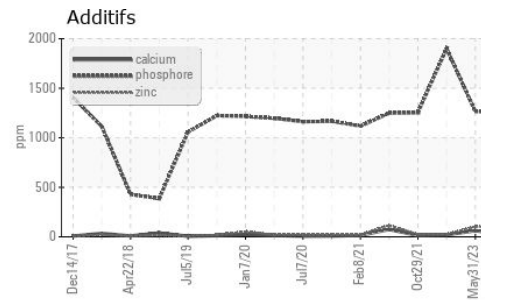
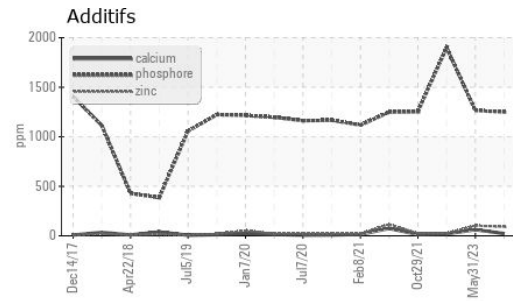
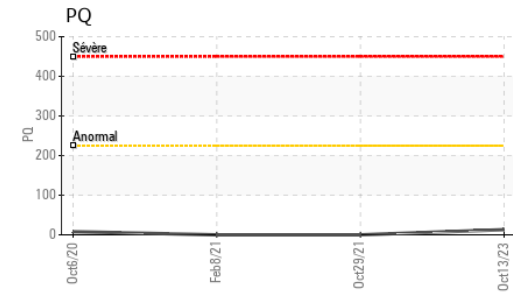
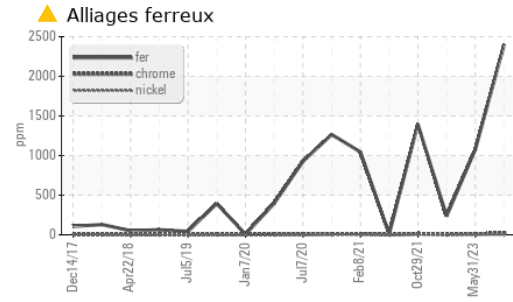
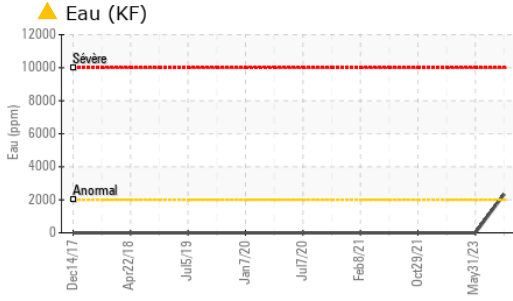
	methode	limite/base	actuel	passé1	passé2	
PQ	ASTM D8184*	>225	13	---	---	
Fer	ppm	ASTM D5185(m)	>1200	▲ 2401	1079	237
Chrome	ppm	ASTM D5185(m)	>15	▲ 22	10	3
Nickel	ppm	ASTM D5185(m)	>5	2	2	<1
Titane	ppm	ASTM D5185(m)	>5	0	0	0
Argent	ppm	ASTM D5185(m)		<1	0	0
Aluminium	ppm	ASTM D5185(m)	>5	1	<1	<1
Plomb	ppm	ASTM D5185(m)	>8	3	2	<1
Cuivre	ppm	ASTM D5185(m)	>325	86	62	14
Étain	ppm	ASTM D5185(m)	>15	7	5	1
Antimoine	ppm	ASTM D5185(m)	>25	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Béryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	0	0

ADDITIFS

	methode	limite/base	actuel	passé1	passé2	
Bore	ppm	ASTM D5185(m)	328	243	188	244
Baryum	ppm	ASTM D5185(m)	1	0	0	0
Molybdène	ppm	ASTM D5185(m)		1	5	<1
Manganèse	ppm	ASTM D5185(m)		20	8	2
Magnésium	ppm	ASTM D5185(m)	1	12	57	8
Calcium	ppm	ASTM D5185(m)	7	23	62	20
Phosphore	ppm	ASTM D5185(m)	1145	1249	1265	1900
Zinc	ppm	ASTM D5185(m)	3	90	103	24
Soufre	ppm	ASTM D5185(m)	17909	21112	19611	19888
Lithium	ppm	ASTM D5185(m)		7	3	<1

CONTAMINANTS

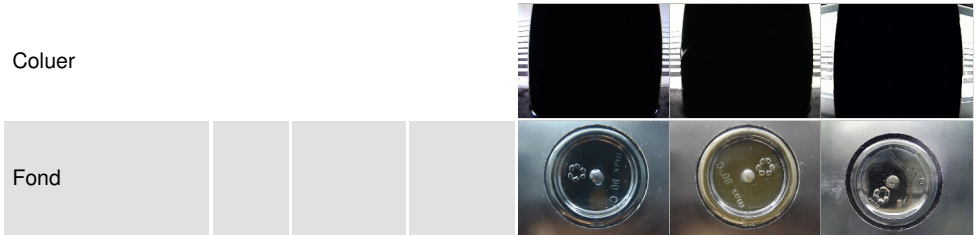
	methode	limite/base	actuel	passé1	passé2	
Silicium	ppm	ASTM D5185(m)	>10	7	5	2
Sodium	ppm	ASTM D5185(m)		<1	1	3
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	0
Eau	%	ASTM D6304*	>0.2	▲ 0.233	---	---
ppm d'eau	ppm	ASTM D6304*	>2000	▲ 2337.9	---	---



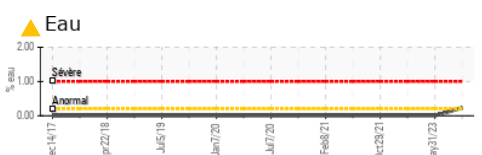
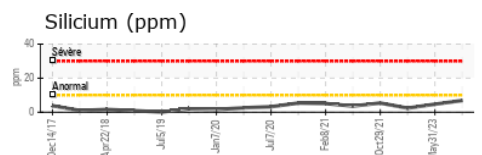
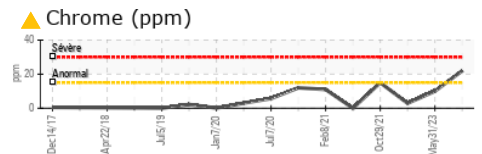
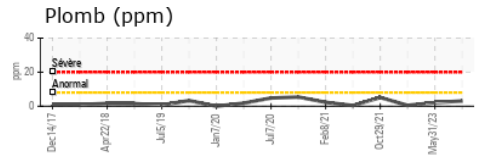
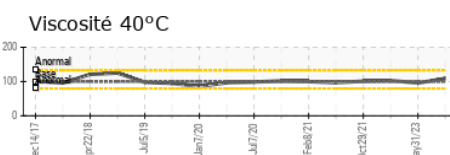
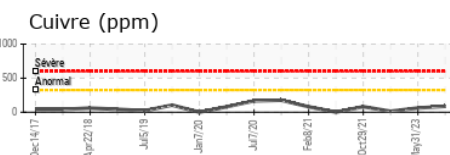
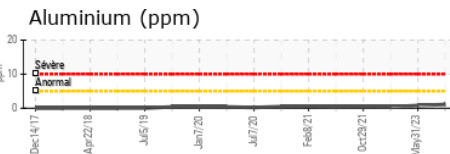
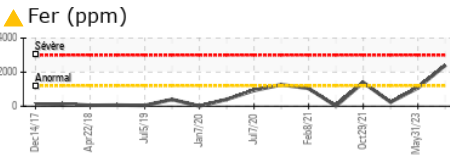
VISUEL	methode	limite/base	actuel	passé1	passé2
Métal blanc	scalar	Visual*	NONE	NONE	NONE
Bronze	scalar	Visual*	NONE	NONE	NONE
Précipié	scalar	Visual*	NONE	NONE	NONE
Limon	scalar	Visual*	NONE	NONE	NONE
Débris	scalar	Visual*	NONE	NONE	NONE
Saleté	scalar	Visual*	NONE	NONE	NONE
Apparence	scalar	Visual*	NORML	NORML	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG
Eau libre	scalar	Visual*	NEG	NEG	NEG

PROPRIÉTÉS DU FLUID	methode	limite/base	actuel	passé1	passé2
Visc 40°C	cSt	ASTM D7279(m)	99.6	109	95.6

IMAGES DE L'ÉCHANTILLON	methode	limite/base	actuel	passé1	passé2
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GRAPHIQUES



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : LH0277101
N° de laboratoire : 02591140
Numéro unique : 5668219
Analyse : MOB 1 (Additional Tests: KF, PQ)

Reçu : 23 Oct 2023
Diagnostiqueur : Kevin Marson

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 Truro, NS
 CA B2N 5C5
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 richardson.sheldon@jdirving.com
 T: (902)890-9419
 F:

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.