



# LIEBHERR

## RAPPORT D'ANALYSE D'HUILE

USURE **NORMAL**

CONTAMINATION **NORMAL**

ÉTAT DU FLUIDE **NORMAL**



Identité de la machine

**LIEBHERR LH30M 145951-1253**

Composant

**Système hydraulique**

Fluid

**PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL (--- GAL)**

### RECOMMANDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		<b>LH0279112</b>	---	---
Date d'échant.		Client Info		<b>18 Jan 2024</b>	---	---
Âge d la Machine	hrs	Client Info		<b>248</b>	---	---
Âge de l'huile	hrs	Client Info		<b>0</b>	---	---
Âge du filtre	hrs	Client Info		<b>0</b>	---	---
Huile changée		Client Info		<b>Not Changd</b>	---	---
Filtre changé		Client Info		<b>N/A</b>	---	---
Statut de l'échant.				<b>NORMAL</b>	---	---

### USURE

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

Fer	ppm	ASTM D5185(m)	>50	<b>6</b>	---	---
Chrome	ppm	ASTM D5185(m)	>5	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	---	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	---	---
Argent	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Aluminium	ppm	ASTM D5185(m)	>2	<b>1</b>	---	---
Plomb	ppm	ASTM D5185(m)	>4	<b>4</b>	---	---
Cuivre	ppm	ASTM D5185(m)	>10	<b>80</b>	---	---
Étain	ppm	ASTM D5185(m)	>2	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	---	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	---	---

### CONTAMINATION

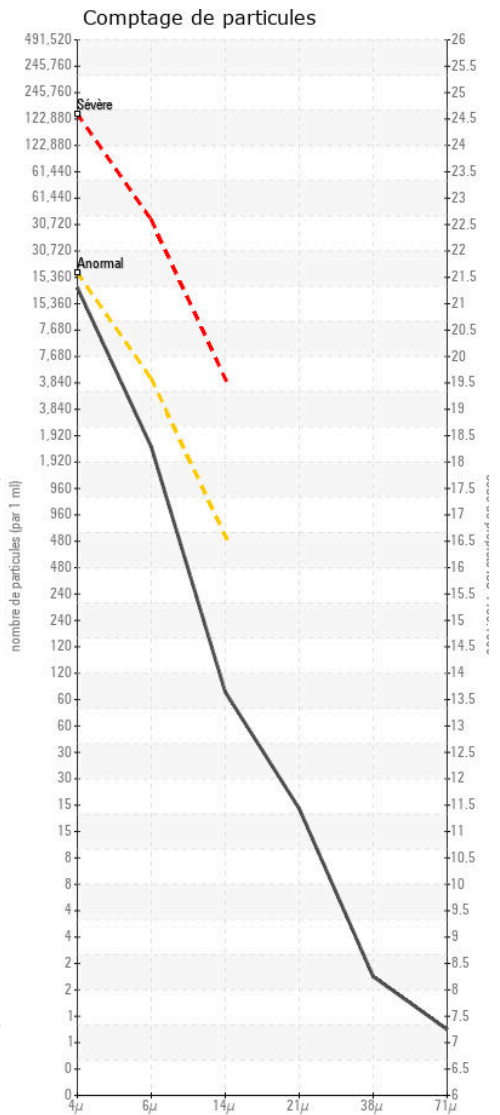
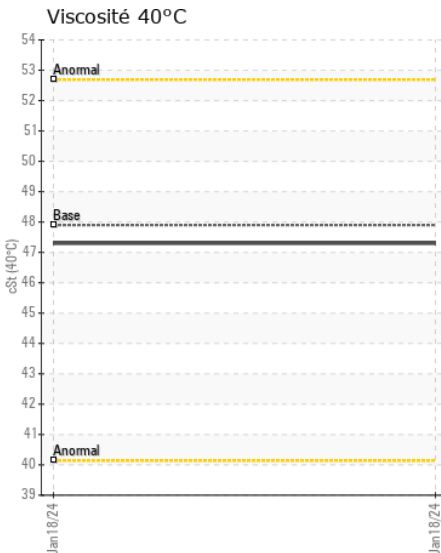
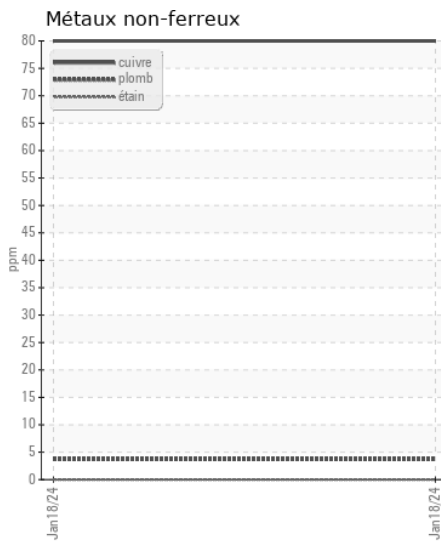
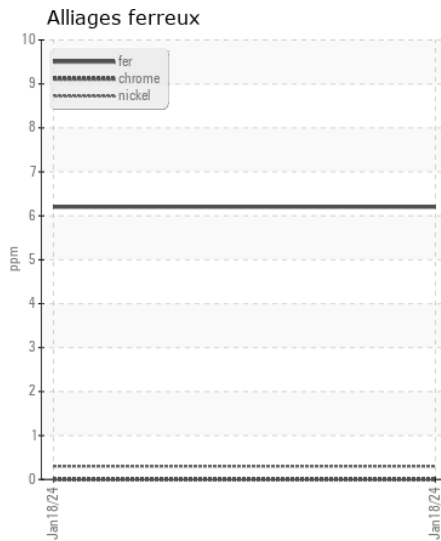
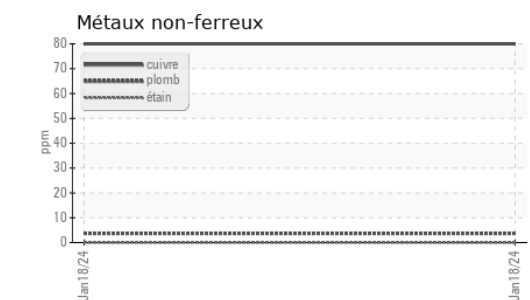
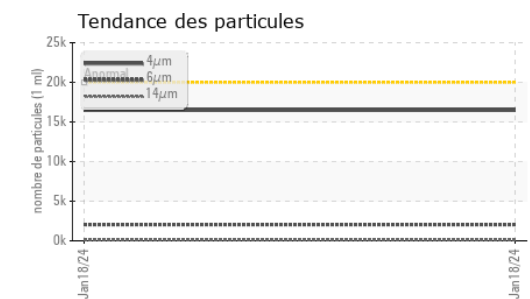
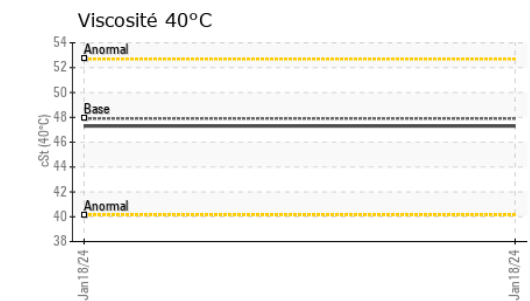
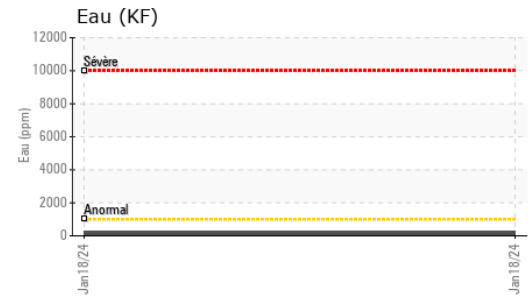
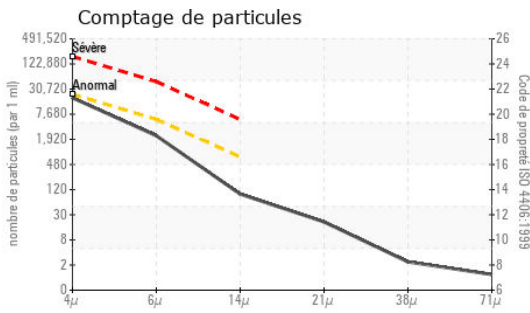
La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La teneur en eau est négligeable. La propreté du système et du fluide est acceptable.

Silicium	ppm	ASTM D5185(m)	>17	<b>3</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>8</b>	---	---
Eau	%	ASTM D6304*	>0.1	<b>0.014</b>	---	---
ppm d'eau	ppm	ASTM D6304*	>1000	<b>142</b>	---	---
Particules >4µ		ASTM D7647	>20000	<b>16480</b>	---	---
Particules >6µ		ASTM D7647	>5000	<b>2048</b>	---	---
Particules >14µ		ASTM D7647	>640	<b>83</b>	---	---
Particules >21µ		ASTM D7647	>160	<b>18</b>	---	---
Particules >38µ		ASTM D7647	>40	<b>2</b>	---	---
Particules >71µ		ASTM D7647	>10	<b>1</b>	---	---
Propreté de l'huile		ISO 4406 (c)	>21/19/16	<b>21/18/14</b>	---	---
Limon	scalar	Visual*	NONE	<b>NONE</b>	---	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	---	---
Apparence	scalar	Visual*	NORML	<b>HAZY</b>	---	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	---	---
Eau émulsifiée	scalar	Visual*	>0.1	<b>NEG</b>	---	---

### ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		<b>1</b>	---	---
Bore	ppm	ASTM D5185(m)	0	<b>23</b>	---	---
Baryum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	---	---
Molybdène	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Manganèse	ppm	ASTM D5185(m)	1	<b>&lt;1</b>	---	---
Magnésium	ppm	ASTM D5185(m)	0	<b>2</b>	---	---
Calcium	ppm	ASTM D5185(m)	100	<b>635</b>	---	---
Phosphore	ppm	ASTM D5185(m)	670	<b>660</b>	---	---
Zinc	ppm	ASTM D5185(m)	850	<b>826</b>	---	---
Soufre	ppm	ASTM D5185(m)	1600	<b>2674</b>	---	---
Visc 40°C	cSt	ASTM D7279(m)	47.9	<b>47.3</b>	---	---



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **Entreprise Forestiere Hubert & Latourelle Inc.**  
**N° d'échantillon** : LH0279112 **Reçu** : 19 Jan 2024  
**N° de laboratoire** : 02609984 **Diagnostiqué** : 23 Jan 2024  
**Numéro unique** : 5711070 **Diagnostiqueur** : Kevin Marson  
**Analyse** : MOB 1 ( Additional Tests: KF, PrtCount )

175 rue Alexandre  
 Thurso, QC  
 CA J0X 3B0  
 Contact: Service Manager

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.

T:  
F: