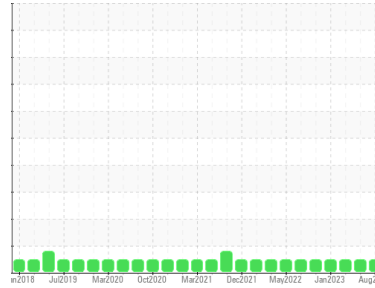




Identité de la machine  
**LIEBHERR LH50M 097459-1216**  
 Composant  
**Boîte de séparation**  
 Fluide  
**PETRO CANADA TRAXON 75W90 SYNTHETIC (--- GAL)**



**DIAGNOSTIC**

**Recommendation**

Resample at the next service interval to monitor.

**Usure**

All component wear rates are normal.

**Contamination**

There is no indication of any contamination in the oil.

**État Du Fluide**

The condition of the oil is acceptable for the time in service.

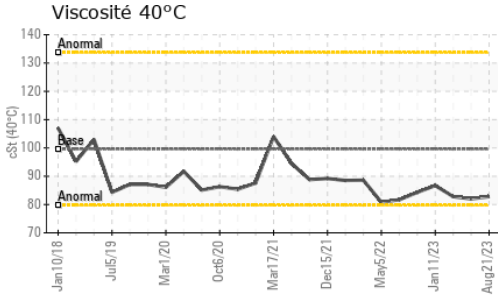
INFORMATION SUR L'ÉCHANTILLON		methode	limite/base	actuel	passé1	passé2
Numéro d'échant.	Client Info			<b>LH0260017</b>	LH0250288	LH0234619
Date d'échant.	Client Info			<b>21 Aug 2023</b>	31 May 2023	14 Mar 2023
Âge d la Machine	hrs	Client Info		<b>27281</b>	26834	25721
Âge de l'huile	hrs	Client Info		<b>0</b>	0	0
Huile changée	Client Info			<b>Changed</b>	Changed	Changed
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

MÉTALUX D'USURE		methode	limite/base	actuel	passé1	passé2
Fer	ppm	ASTM D5185(m)	>100	<b>18</b>	11	8
Chrome	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	0	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)		<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Plomb	ppm	ASTM D5185(m)	>30	<b>0</b>	0	0
Cuivre	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	<1
Étain	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Antimoine	ppm	ASTM D5185(m)	>5	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Béryllium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	0

ADDITIFS		methode	limite/base	actuel	passé1	passé2
Bore	ppm	ASTM D5185(m)	328	<b>274</b>	261	266
Baryum	ppm	ASTM D5185(m)	1	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Manganèse	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	<1
Magnésium	ppm	ASTM D5185(m)	1	<b>5</b>	4	4
Calcium	ppm	ASTM D5185(m)	7	<b>23</b>	25	27
Phosphore	ppm	ASTM D5185(m)	1145	<b>1224</b>	1236	1221
Zinc	ppm	ASTM D5185(m)	3	<b>113</b>	128	109
Soufre	ppm	ASTM D5185(m)	17909	<b>17774</b>	17566	17575
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1

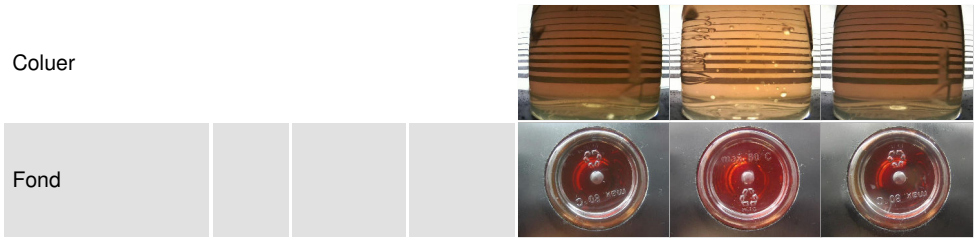
CONTAMINANTS		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	>30	<b>4</b>	4	4
Sodium	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	<1	<1
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	1	<1

VISUEL		methode	limite/base	actuel	passé1	passé2
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Précipié	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Limon	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Débris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.1	<b>NEG</b>	NEG	NEG
Eau libre	scalar	Visual*		<b>NEG</b>	NEG	NEG

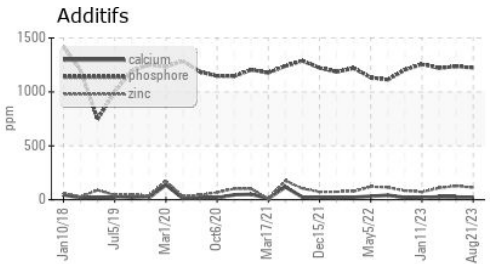
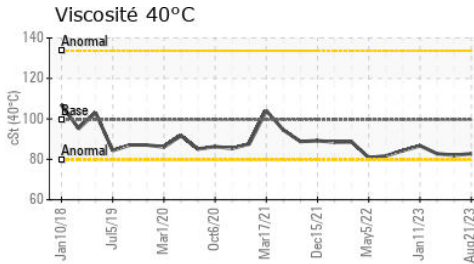
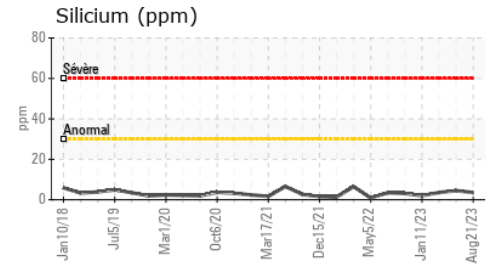
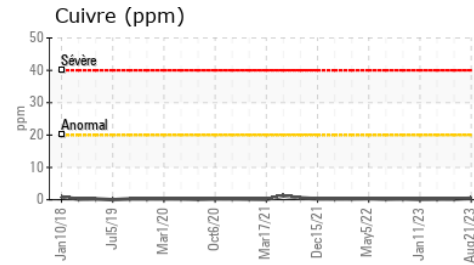
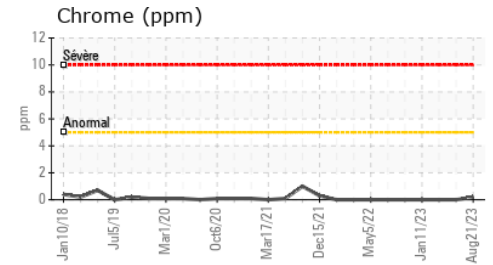
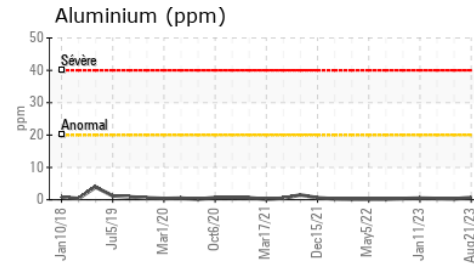
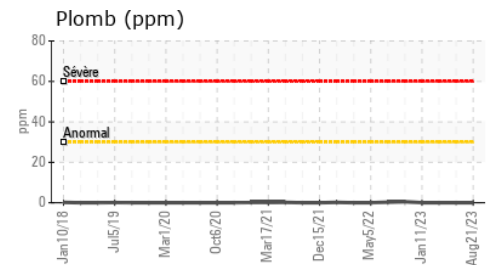
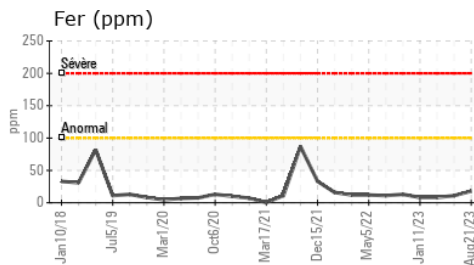


PROPRIÉTÉS DU FLUID		methode	limite/base	actuel	passé1	passé2
Visc 40°C	cSt	ASTM D7279(m)	99.6	<b>82.8</b>	82.0	82.8

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** : LH0260017  
**N° de laboratoire** : 02579766  
**Numéro unique** : 5632826  
**Analyse** : MOB 1

**Reçu** : 31 Aug 2023  
**Diagnostiqué** : 31 Aug 2023  
**Diagnostiqueur** : Wes Davis

**J.D. Irving**  
 Truro Sawmill, 529 Valley Dale Road  
 Truro, NS  
 CA B2N 5C5  
 Contact: Sheldon Richardson  
 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.