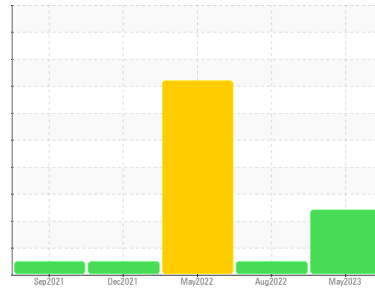




Secteur  
**(354957)**  
Identité de la machine  
**LIEBHERR R918LC 053128-1721**  
Composant  
**Transmission finale Droit(e)**  
Fluide  
**LIEBHERR GEAR BASIC 90 LS (--- GAL)**



**DIAGNOSTIC**

**▲ Recommendation**

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

**▲ Usure**

Aluminum ppm levels are noted. All other component wear rates are normal.

**▲ Contamination**

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

**État Du Fluide**

The oil is no longer serviceable due to the presence of contaminants.

**INFORMATION SUR L'éCHANTILLON**

		methode	limite/base	actuel	passé1	passé2
Numéro d'échant.	Client Info			<b>LH0260748</b>	LH0239157	LH
Date d'échant.	Client Info			<b>15 May 2023</b>	19 Aug 2022	05 May 2022
Âge d la Machine	hrs	Client Info		<b>2992</b>	1980	0
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>ABNORMAL</b>	NORMAL	SEVERE

**MÉTAUX D'USURE**

		methode	limite/base	actuel	passé1	passé2
Fer	ppm	ASTM D5185(m)	>500	<b>365</b>	213	▲ 793
Chrome	ppm	ASTM D5185(m)	>10	<b>5</b>	4	▲ 11
Nickel	ppm	ASTM D5185(m)	>10	<b>2</b>	2	3
Titane	ppm	ASTM D5185(m)		<b>5</b>	2	7
Argent	ppm	ASTM D5185(m)		<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>25	▲ <b>60</b>	22	▲ 111
Plomb	ppm	ASTM D5185(m)	>25	<b>0</b>	0	<1
Cuivre	ppm	ASTM D5185(m)	>50	<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	0
Vanadium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	<1
Béryllium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**ADDITIFS**

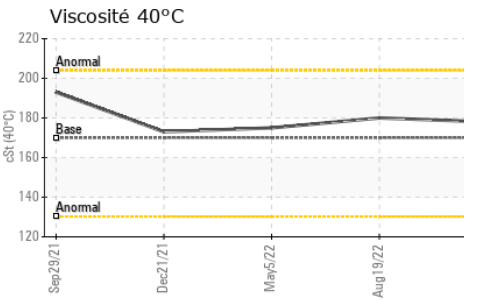
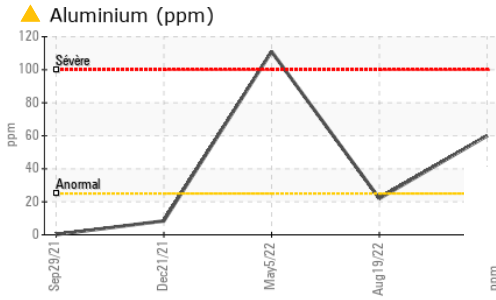
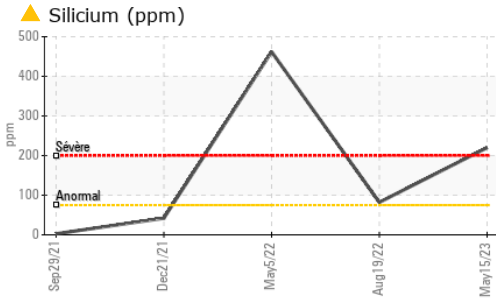
		methode	limite/base	actuel	passé1	passé2
Bore	ppm	ASTM D5185(m)	0	<b>2</b>	1	2
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Molybdène	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Manganèse	ppm	ASTM D5185(m)	0	<b>4</b>	2	9
Magnésium	ppm	ASTM D5185(m)	<1	<b>11</b>	5	28
Calcium	ppm	ASTM D5185(m)	<1	<b>40</b>	24	80
Phosphore	ppm	ASTM D5185(m)	2143	<b>2480</b>	2193	2349
Zinc	ppm	ASTM D5185(m)	<1	<b>8</b>	21	15
Soufre	ppm	ASTM D5185(m)	23468	<b>27426</b>	35363	33264
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1

**CONTAMINANTS**

		methode	limite/base	actuel	passé1	passé2
Silicium	ppm	ASTM D5185(m)	>75	▲ <b>220</b>	82	● 462
Sodium	ppm	ASTM D5185(m)		<b>18</b>	10	35
Potassium	ppm	ASTM D5185(m)	>20	<b>16</b>	6	35

**VISUEL**

		methode	limite/base	actuel	passé1	passé2
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	VLITE	VLITE
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Précipié	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Limon	scalar	Visual*	NONE	<b>VLITE</b>	NONE	VLITE
Débris	scalar	Visual*	NONE	<b>NONE</b>	VLITE	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*	>0.2	<b>NEG</b>	NEG	NEG
Eau libre	scalar	Visual*		<b>NEG</b>	NEG	NEG

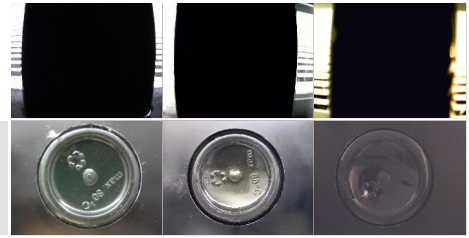


PROPRIÉTÉS DU FLUID		methode	limite/base	actuel	passé1	passé2
Visc 40°C	cSt	ASTM D7279(m)	170	<b>178</b>	180	175

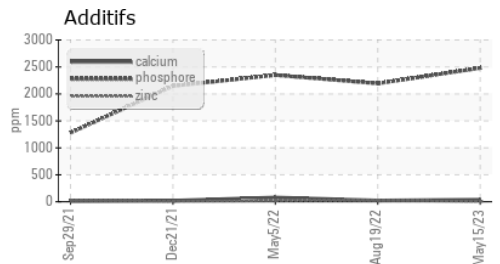
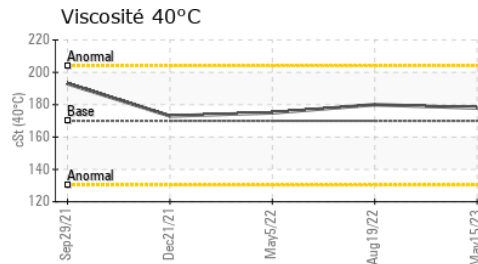
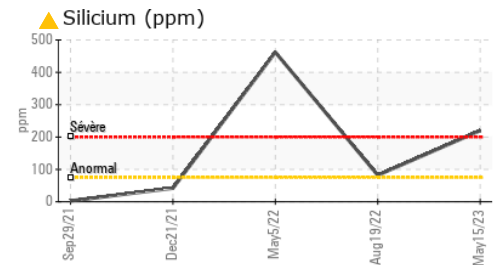
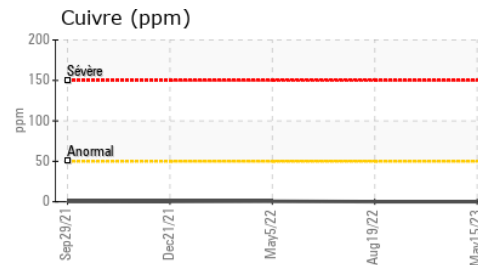
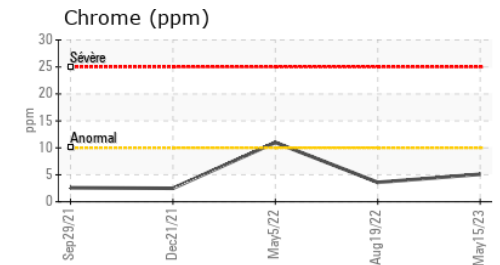
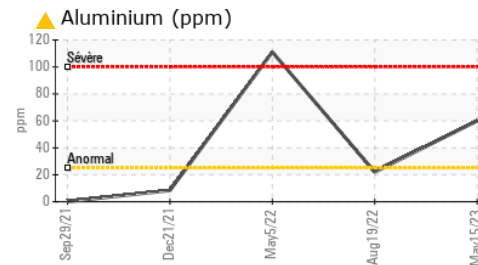
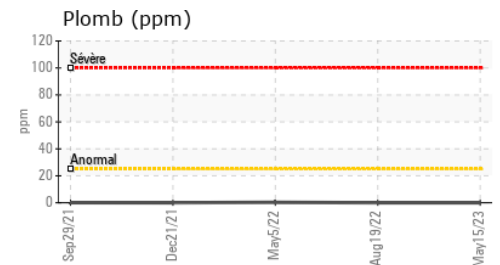
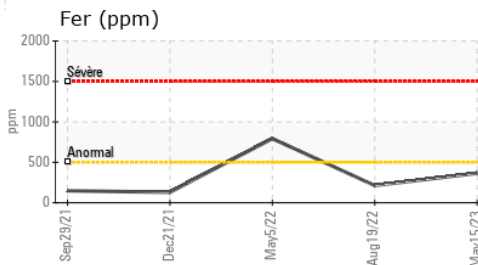
IMAGES DE L'ÉCHANTILLON		methode	limite/base	actuel	passé1	passé2
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Coluer

Fond



**GRAPHIQUES**



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : LH0260748 **Reçu** : 23 May 2023  
**N° de laboratoire** : 02559040 **Diagnostiqué** : 24 May 2023  
**Numéro unique** : 5580080 **Diagnostiqueur** : Kevin Marson  
**Analyse** : MOB 1

**Polyexcave Inc.**  
 787 Ch. Du Moine  
 St-Anne de Sorel, QC  
 CA J3P 5N3  
 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: