



USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>

Identité de la machine

**FRIEHTLINER 3784**

Composant

**Moteur diesel**

Fluide

**PETRO CANADA DURON SHP 10W30 (28 LTR)**

**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>PC0075850</b>	PC0060580	PC0048969
Date d'échant.		Client Info		<b>14 Sep 2023</b>	16 Sep 2022	01 Mar 2022
Âge d la Machine	kms	Client Info		<b>0</b>	329783	250715
Âge de l'huile	kms	Client Info		<b>0</b>	79068	21002
Âge du filtre	kms	Client Info		<b>0</b>	79068	21002
Huile changée		Client Info		<b>N/A</b>	Changed	Changed
Filtre changé		Client Info		<b>N/A</b>	Changed	Changed
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

**USURE**

Les taux d'usure de tous les composants sont normaux.

Fer	ppm	ASTM D5185(m)	>100	<b>44</b>	47	22
Chrome	ppm	ASTM D5185(m)	>20	<b>3</b>	4	2
Nickel	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	0
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	<b>18</b>	18	8
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	2
Cuivre	ppm	ASTM D5185(m)	>330	<b>9</b>	38	45
Étain	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	---	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

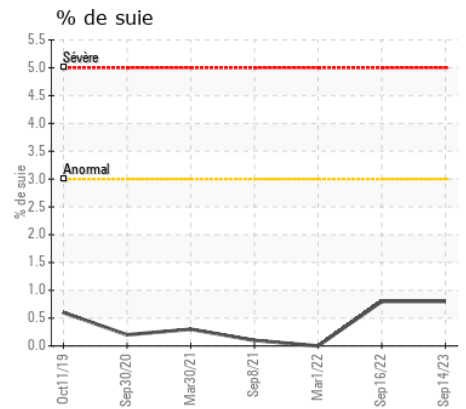
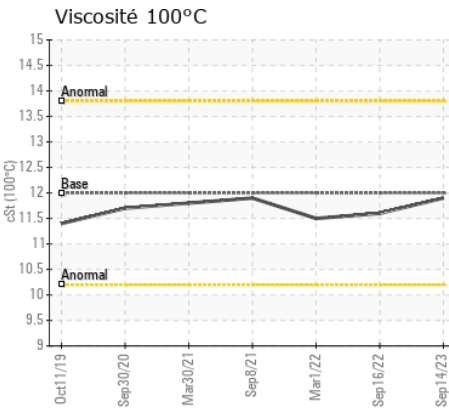
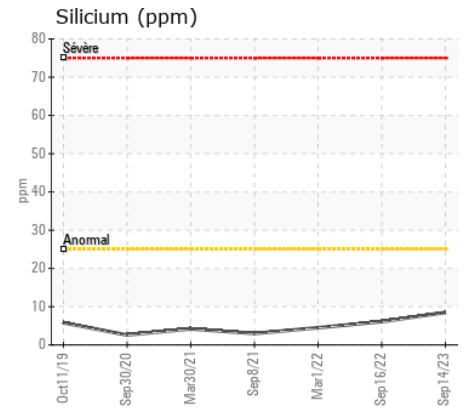
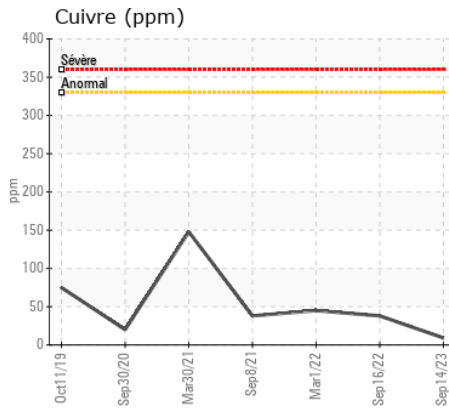
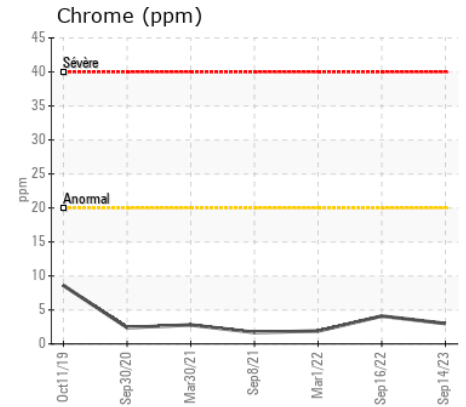
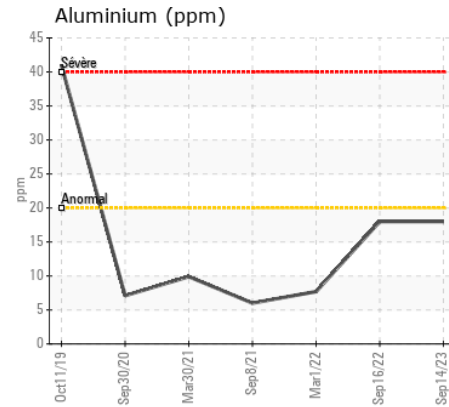
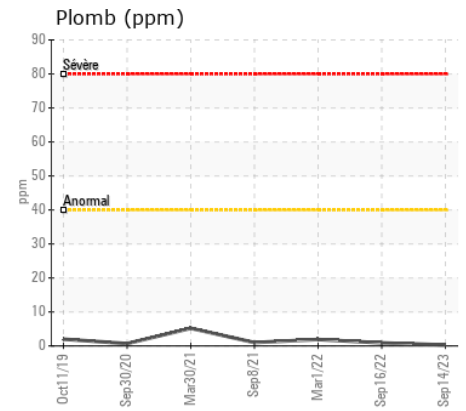
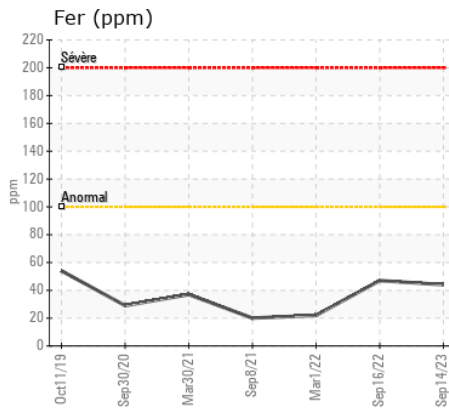
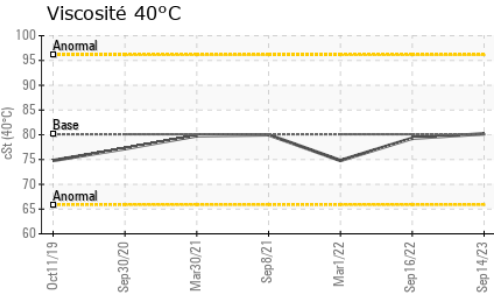
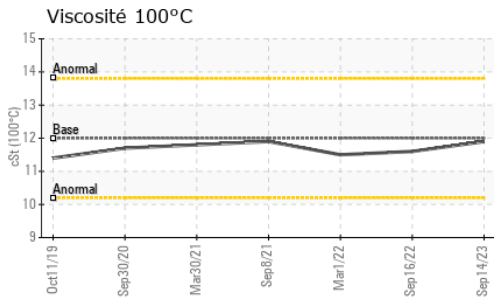
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	<b>8</b>	6	4
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	7	5
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
Glycol		WC Method		<b>NEG</b>	0.0	0.0
% de suie	%	ASTM D7844*	>3	<b>0.8</b>	0.8	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>10.1</b>	10.4	7.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>22.6</b>	22.8	18.9
Limon	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	---	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

**ÉTAT DU FLUIDE**

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

Sodium	ppm	ASTM D5185(m)		<b>6</b>	6	4
Bore	ppm	ASTM D5185(m)	2	<b>2</b>	2	12
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>61</b>	62	60
Manganèse	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>993</b>	990	934
Calcium	ppm	ASTM D5185(m)	1050	<b>1084</b>	1179	1090
Phosphore	ppm	ASTM D5185(m)	995	<b>1002</b>	1011	1064
Zinc	ppm	ASTM D5185(m)	1180	<b>1225</b>	1248	1207
Soufre	ppm	ASTM D5185(m)	2600	<b>2109</b>	1991	2695
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>17.9</b>	19.1	14.0
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>80.2</b>	79.3	74.8
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.9</b>	11.6	11.5
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>142</b>	138	146



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0075850  
**N° de laboratoire** : 02582764  
**Numéro unique** : 5643829  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI, Visual )

**Reçu** : 15 Sep 2023  
**Diagnostiqueur** : Wes Davis

**LOCATION BROSSARD INC**  
 2190 HYMUS  
 DORVAL, QC  
 CA H9P 1J7  
 Contact: Shawn Lamoureux  
 slamoureux@brossard.com

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: