



Identité de la machine

**FREIGHTLINER 3791**

Composant

**Moteur diesel**

Fluide

**PETRO CANADA DURON SHP 10W30 (--- 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>PC0075858</b>	PC0072753	PC0061198
Date d'échant.		Client Info		<b>28 Aug 2023</b>	10 Apr 2023	27 Sep 2022
Âge d la Machine	kms	Client Info		<b>613191</b>	0	457851
Âge de l'huile	kms	Client Info		<b>83083</b>	0	71862
Âge du filtre	kms	Client Info		<b>83083</b>	0	71862
Huile changée		Client Info		<b>Changed</b>	N/A	Changed
Filtre changé		Client Info		<b>Changed</b>	N/A	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)	>80	<b>31</b>	33	40
Chrome	ppm	ASTM D5185(m)	>5	<b>2</b>	2	2
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	<1
Titane	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>30	<b>7</b>	10	7
Plomb	ppm	ASTM D5185(m)	>30	<b>0</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>150	<b>6</b>	11	9
Étain	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

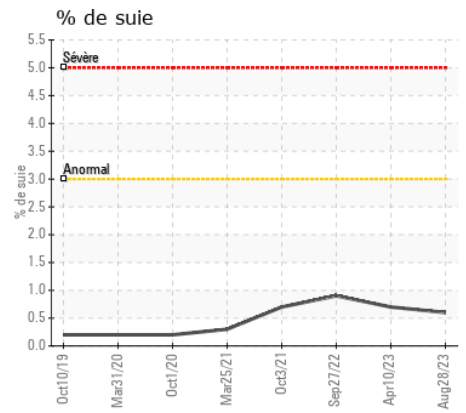
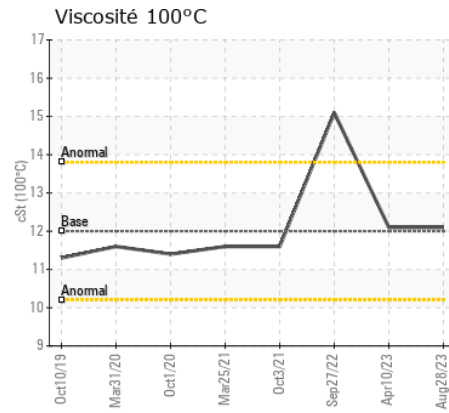
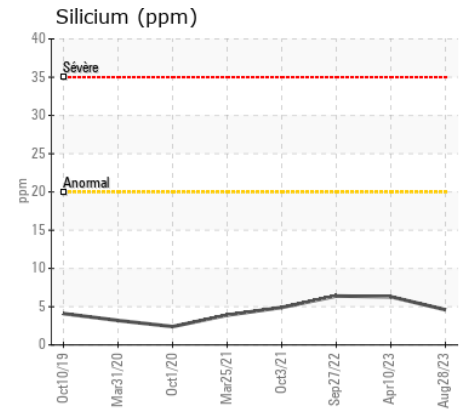
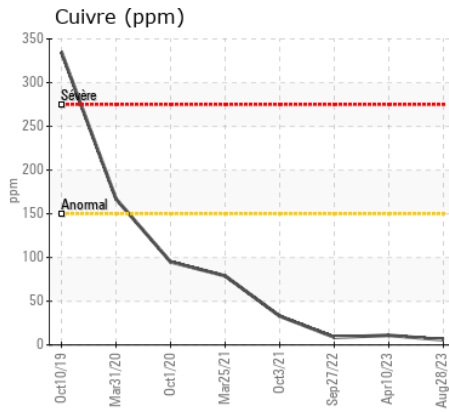
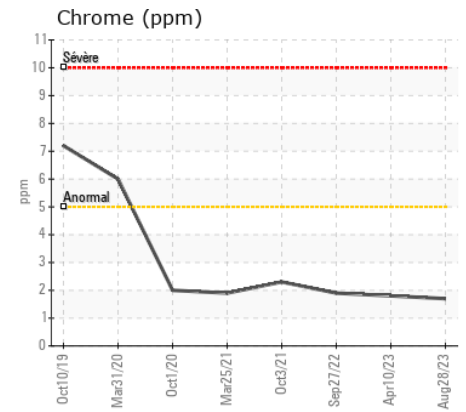
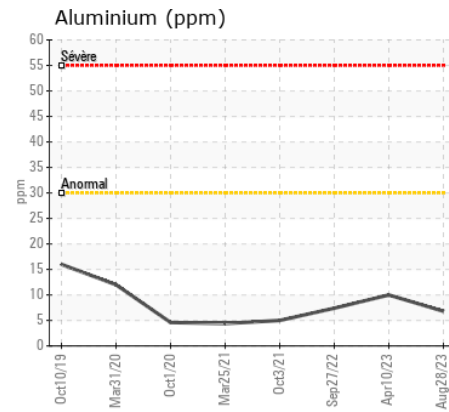
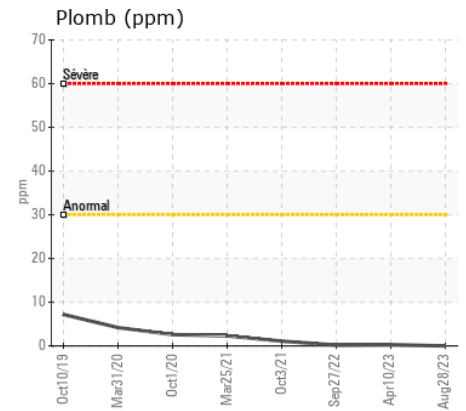
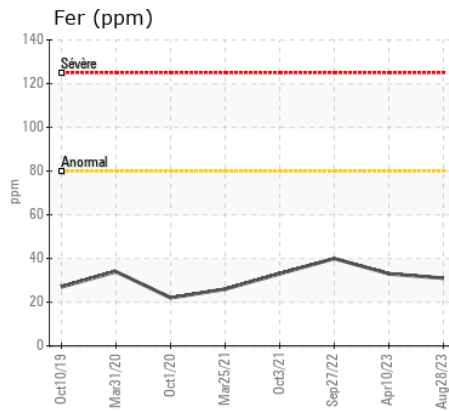
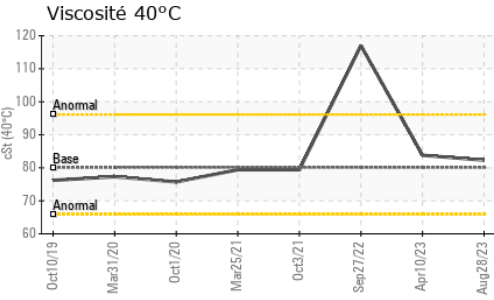
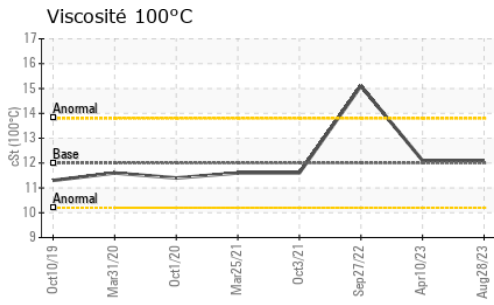
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	<b>5</b>	6	6
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	4	8
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.6</b>	0.7	0.9
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.8</b>	10.7	11.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>23.0</b>	26.5	30.0
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>4</b>	4	5
Bore	ppm	ASTM D5185(m)	2	<b>4</b>	6	16
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>57</b>	55	16
Manganèse	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>913</b>	869	193
Calcium	ppm	ASTM D5185(m)	1050	<b>1253</b>	1413	2119
Phosphore	ppm	ASTM D5185(m)	995	<b>1092</b>	1107	1026
Zinc	ppm	ASTM D5185(m)	1180	<b>1262</b>	1268	1191
Soufre	ppm	ASTM D5185(m)	2600	<b>2272</b>	2347	2654
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>19.0</b>	20.4	25.0
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>82.3</b>	83.8	117
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>12.1</b>	12.1	15.1
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>141</b>	138	133



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0075858 **Reçu** : 15 Sep 2023  
**N° de laboratoire** : 02582727 **Diagnostiqué** : 15 Sep 2023  
**Numéro unique** : 5643792 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI )

**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.

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