



Identité de la machine

**FREIGHTLINER 3793**

Composant

**Moteur diesel**

Fluide

**PETRO CANADA DURON SHP 10W30 (42 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>PC0072532</b>	PC0059044	PC0051257
Date d'échant.		Client Info		<b>09 Jul 2023</b>	06 Jul 2022	09 Nov 2021
Âge d la Machine	kms	Client Info		<b>260636</b>	0	0
Âge de l'huile	kms	Client Info		<b>23364</b>	0	0
Âge du filtre	kms	Client Info		<b>23364</b>	0	0
Huile changée		Client Info		<b>Changed</b>	N/A	N/A
Filtre changé		Client Info		<b>Changed</b>	N/A	N/A
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)	>200	<b>11</b>	10	14
Chrome	ppm	ASTM D5185(m)	>6	<b>&lt;1</b>	<1	1
Nickel	ppm	ASTM D5185(m)	>3	<b>0</b>	<1	<1
Titane	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	0
Argent	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	0	<1
Aluminium	ppm	ASTM D5185(m)	>50	<b>3</b>	3	3
Plomb	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>50	<b>10</b>	15	31
Étain	ppm	ASTM D5185(m)	>6	<b>&lt;1</b>	<1	1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

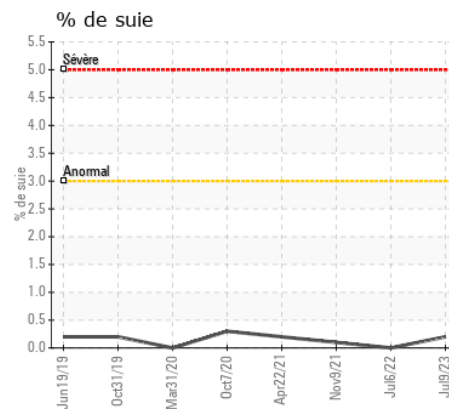
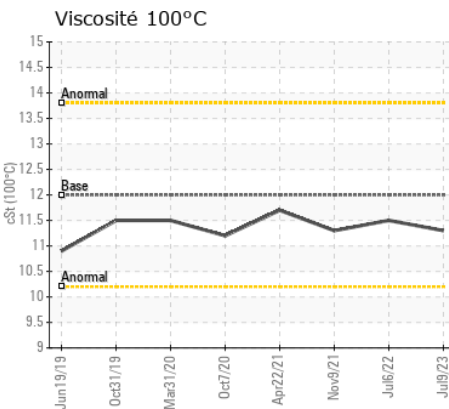
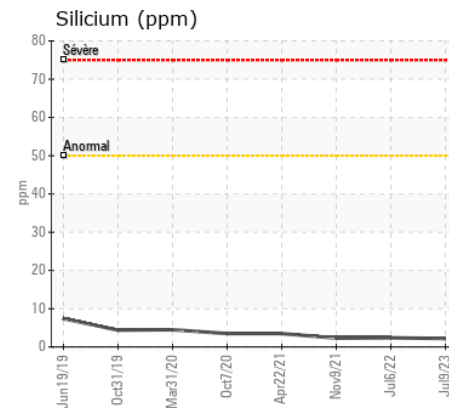
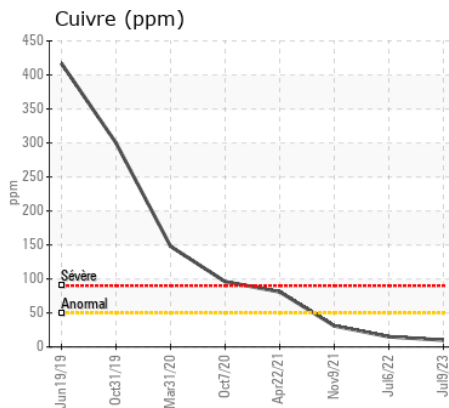
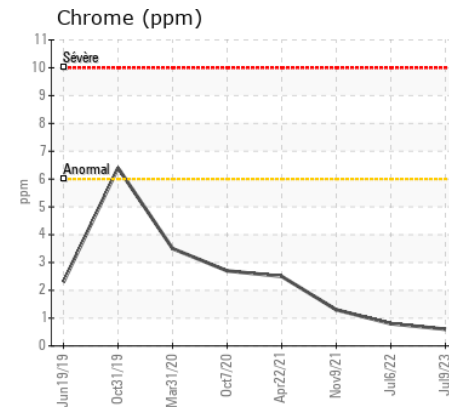
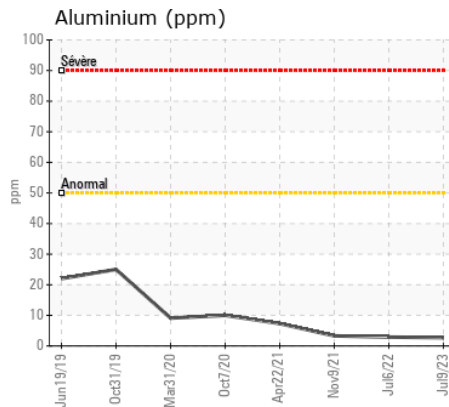
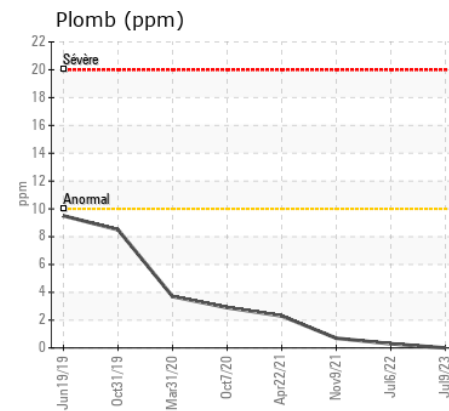
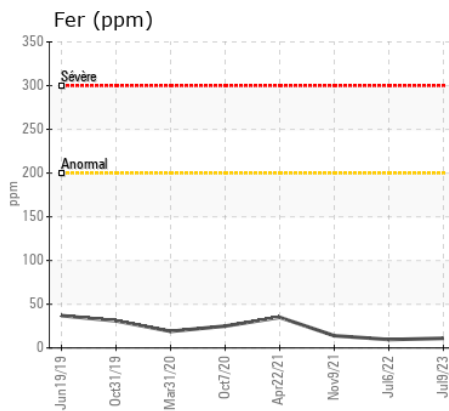
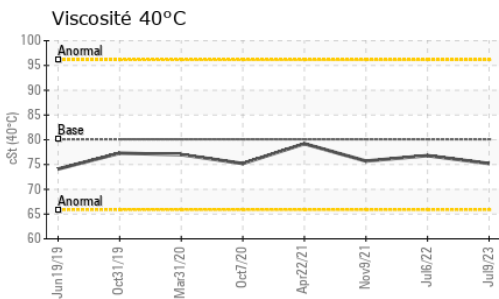
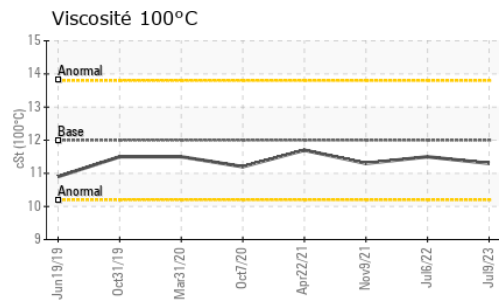
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>50	<b>2</b>	2	2
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	3	5
Essence		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	<1.0
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.2</b>	0	0.1
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.4</b>	7.8	7.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.0</b>	20.9	20.4
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>2</b>	2	2
Bore	ppm	ASTM D5185(m)	2	<b>5</b>	6	2
Baryum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>61</b>	59	58
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>952</b>	954	1007
Calcium	ppm	ASTM D5185(m)	1050	<b>1063</b>	1108	1133
Phosphore	ppm	ASTM D5185(m)	995	<b>994</b>	1009	1072
Zinc	ppm	ASTM D5185(m)	1180	<b>1179</b>	1208	1249
Soufre	ppm	ASTM D5185(m)	2600	<b>2494</b>	2651	2491
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.4</b>	15.0	15.6
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>75.2</b>	76.8	75.7
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.3</b>	11.5	11.3
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>141</b>	142	140



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0072532 **Reçu** : 25 Oct 2023  
**N° de laboratoire** : 02591653 **Diagnostiqué** : 25 Oct 2023  
**Numéro unique** : 5668732 **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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