



Identité de la machine

**FREIGHTLINER 3750**

Composant

**Moteur diesel**

Fluide

**PETRO CANADA DURON SHP 10W30 (40 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>PC0076035</b>	PC0066516	PC0060599
Date d'échant.		Client Info		<b>04 Jul 2023</b>	12 Oct 2022	20 Apr 2022
Âge d la Machine	kms	Client Info		<b>331919</b>	296658	267486
Âge de l'huile	kms	Client Info		<b>35269</b>	29164	35393
Âge du filtre	kms	Client Info		<b>35269</b>	29164	35393
Huile changée		Client Info		<b>Changed</b>	Changed	Changed
Filtre changé		Client Info		<b>Changed</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)	>65	<b>10</b>	11	17
Chrome	ppm	ASTM D5185(m)	>5	<b>1</b>	2	2
Nickel	ppm	ASTM D5185(m)	>3	<b>0</b>	<1	<1
Titane	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	0
Argent	ppm	ASTM D5185(m)	>2	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>35	<b>8</b>	8	14
Plomb	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	1
Cuivre	ppm	ASTM D5185(m)	>180	<b>3</b>	5	8
Étain	ppm	ASTM D5185(m)	>8	<b>&lt;1</b>	<1	1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

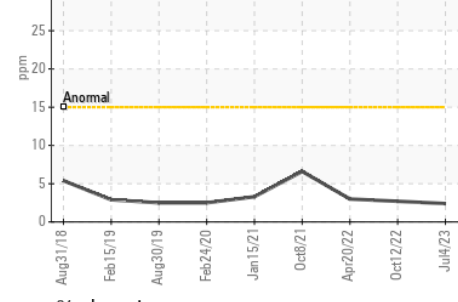
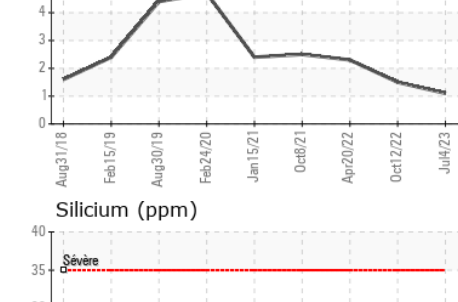
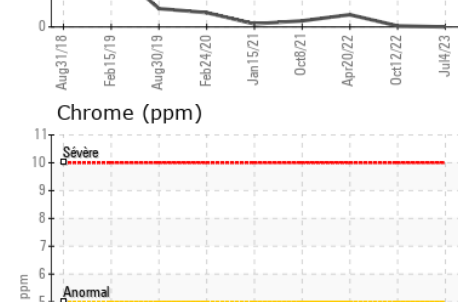
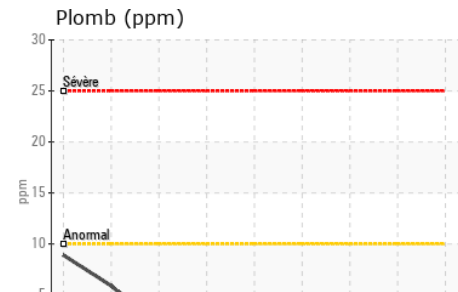
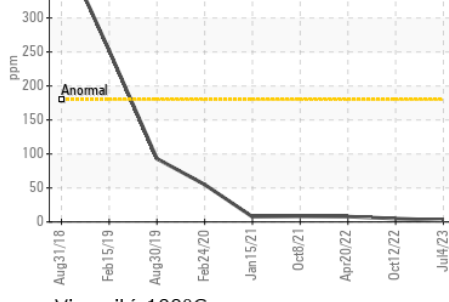
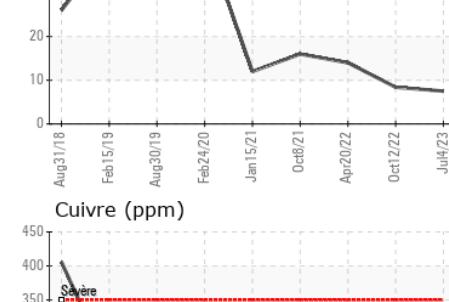
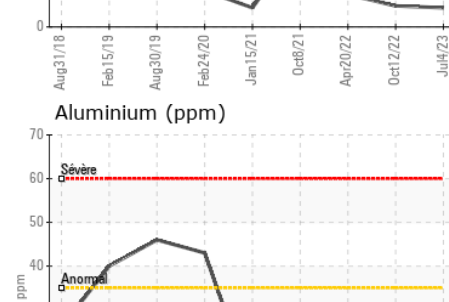
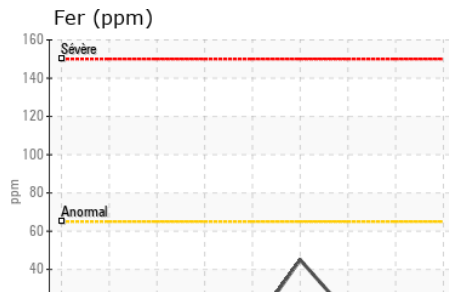
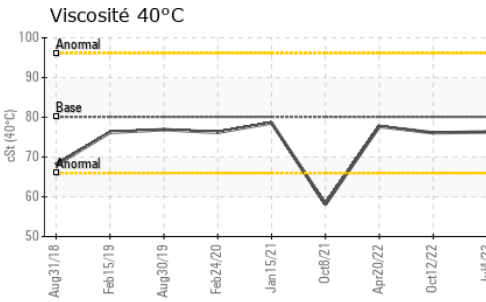
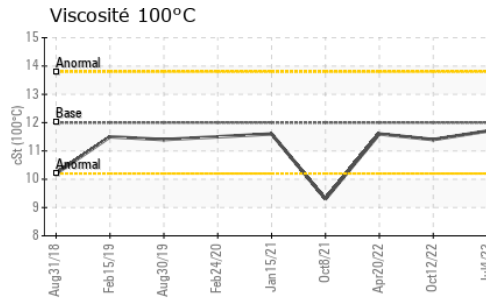
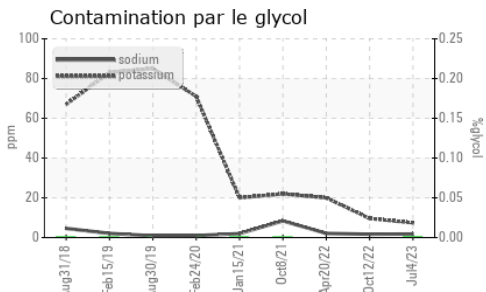
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>15	<b>2</b>	3	3
Potassium	ppm	ASTM D5185(m)	>20	<b>7</b>	10	20
Essence		WC Method	>3.0	<b>&lt;1.0</b>	<1.0	0.4
Glycol	%	ASTM D7922*		<b>0.0</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.2</b>	0.2	0.3
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.5</b>	7.6	8.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.4</b>	20.3	21.1
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>3</b>	3	5
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>58</b>	59	60
Manganèse	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>977</b>	954	985
Calcium	ppm	ASTM D5185(m)	1050	<b>1061</b>	1206	1177
Phosphore	ppm	ASTM D5185(m)	995	<b>1048</b>	1086	1036
Zinc	ppm	ASTM D5185(m)	1180	<b>1186</b>	1206	1232
Soufre	ppm	ASTM D5185(m)	2600	<b>2506</b>	2604	2598
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.8</b>	15.3	15.2
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>76.3</b>	76.1	77.7
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.7</b>	11.4	11.6
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>147</b>	141	142



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0076035 **Reçu** : 26 Jul 2023  
**N° de laboratoire** : 02572222 **Diagnostiqué** : 26 Jul 2023  
**Numéro unique** : 5617273 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1 ( Additional Tests: Glycol, KV40, VI )

**LOCATION BROSSARD INC**  
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 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.