



Identité de la machine

**FREIGHTLINER 4090**

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>PC0076038</b>	PC0067830	---
Date d'échant.		Client Info		<b>10 Jul 2023</b>	11 Jan 2023	---
Âge d la Machine	kms	Client Info		<b>60484</b>	30968	---
Âge de l'huile	kms	Client Info		<b>29338</b>	30968	---
Âge du filtre	kms	Client Info		<b>29338</b>	0	---
Huile changée		Client Info		<b>Changed</b>	Changed	---
Filtre changé		Client Info		<b>Changed</b>	Changed	---
Statut de l'échant.				<b>NORMAL</b>	NORMAL	---

**USURE**

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

Fer	ppm	ASTM D5185(m)	>80	<b>32</b>	40	---
Chrome	ppm	ASTM D5185(m)	>5	<b>2</b>	2	---
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	<1	---
Aluminium	ppm	ASTM D5185(m)	>30	<b>15</b>	41	---
Plomb	ppm	ASTM D5185(m)	>30	<b>9</b>	4	---
Cuivre	ppm	ASTM D5185(m)	>150	<b>355</b>	218	---
Étain	ppm	ASTM D5185(m)	>5	<b>1</b>	3	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---

**CONTAMINATION**

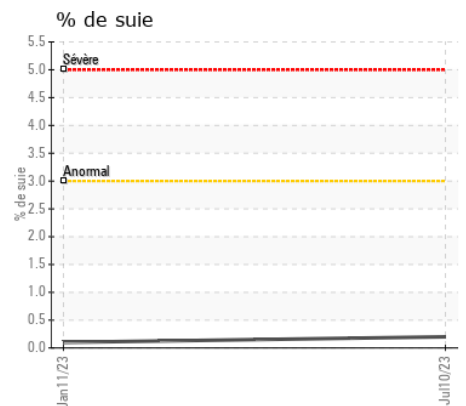
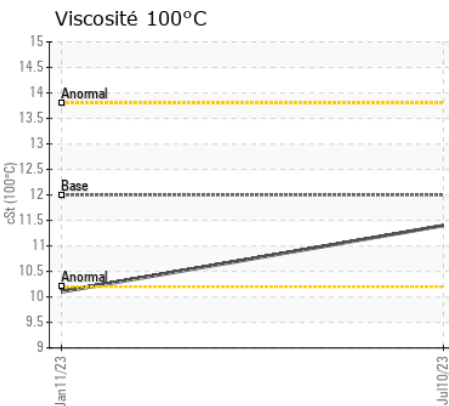
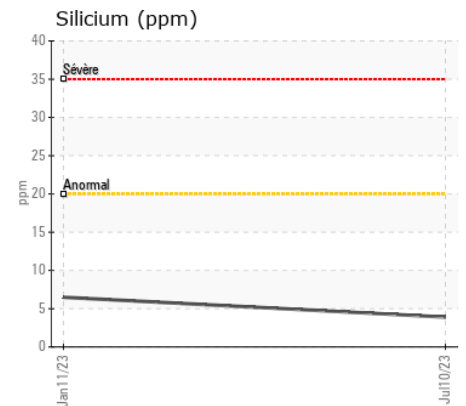
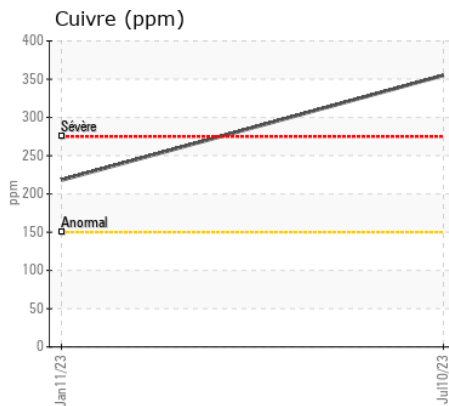
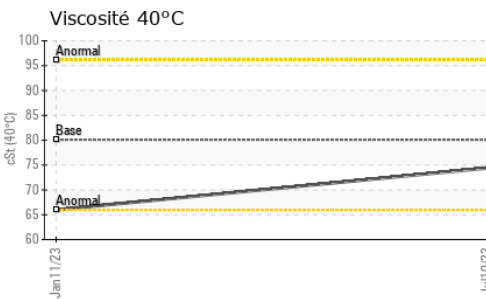
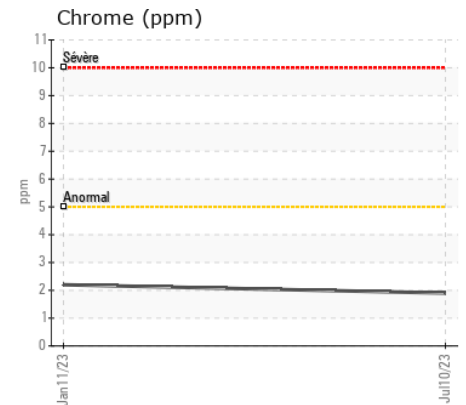
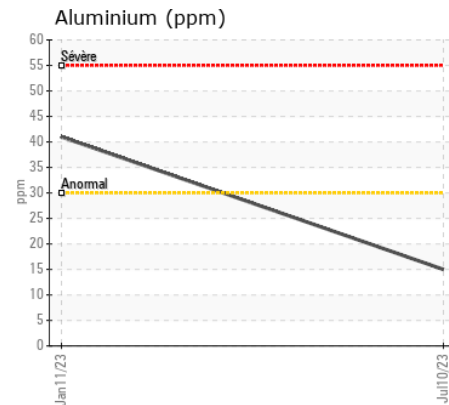
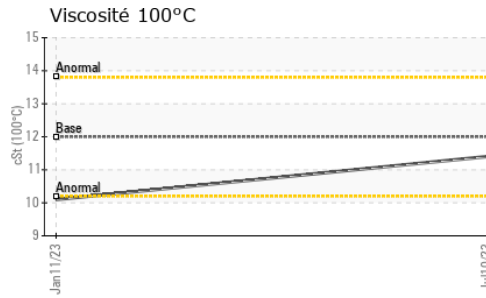
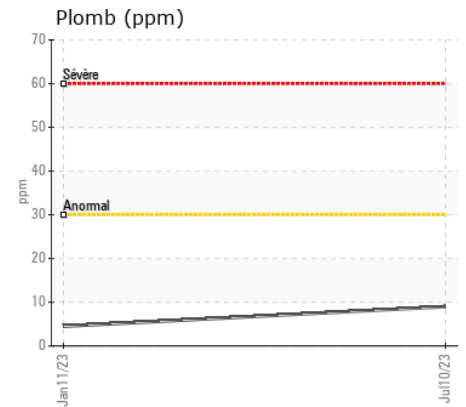
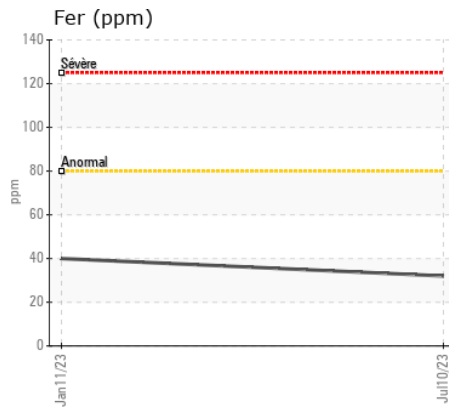
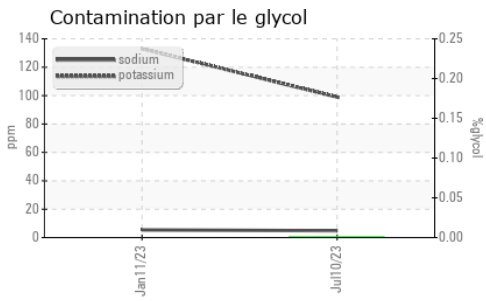
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	<b>4</b>	6	---
Potassium	ppm	ASTM D5185(m)	>20	<b>99</b>	133	---
Essence		WC Method	>5	<b>&lt;1.0</b>	0.5	---
Glycol	%	ASTM D7922*		<b>0.0</b>	NEG	---
% de suie	%	ASTM D7844*	>3	<b>0.2</b>	0.1	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.7</b>	8.7	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>20.9</b>	24.1	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

**ÉTAT DU FLUIDE**

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

Sodium	ppm	ASTM D5185(m)		<b>5</b>	5	---
Bore	ppm	ASTM D5185(m)	2	<b>7</b>	41	---
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	<1	---
Molybdène	ppm	ASTM D5185(m)	50	<b>57</b>	48	---
Manganèse	ppm	ASTM D5185(m)	0	<b>2</b>	4	---
Magnésium	ppm	ASTM D5185(m)	950	<b>932</b>	562	---
Calcium	ppm	ASTM D5185(m)	1050	<b>1186</b>	1728	---
Phosphore	ppm	ASTM D5185(m)	995	<b>989</b>	835	---
Zinc	ppm	ASTM D5185(m)	1180	<b>1141</b>	925	---
Soufre	ppm	ASTM D5185(m)	2600	<b>2105</b>	2021	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>17.0</b>	21.5	---
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>74.4</b>	66.0	---
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>11.4</b>	10.1	---
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>145</b>	138	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0076038 **Reçu** : 26 Jul 2023  
**N° de laboratoire** : 02572133 **Diagnostiqué** : 26 Jul 2023  
**Numéro unique** : 5617184 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1 ( Additional Tests: Glycol, 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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