



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

Identité de la machine

**FREIGHTLINER 329**

Composant

**Moteur diesel**

Fluide

**PETRO CANADA DURON SAE 10W30 (--- 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>PC0075393</b>	PC0066941	PC0067561
Date d'échant.		Client Info		<b>01 Jun 2023</b>	30 Mar 2023	12 Jan 2023
Âge d la Machine	kms	Client Info		<b>551462</b>	528469	510238
Âge de l'huile	kms	Client Info		<b>41224</b>	18186	43727
Âge du filtre	kms	Client Info		<b>41224</b>	18186	43727
Huile changée		Client Info		<b>Changed</b>	Not Changd	Changed
Filtre changé		Client Info		<b>Changed</b>	Not Changd	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>20</b>	11	20
Chrome	ppm	ASTM D5185(m)	>5	<b>1</b>	<1	1
Nickel	ppm	ASTM D5185(m)	>2	<b>0</b>	0	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>30	<b>5</b>	4	6
Plomb	ppm	ASTM D5185(m)	>30	<b>&lt;1</b>	<1	<1
Cuivre	ppm	ASTM D5185(m)	>150	<b>4</b>	3	5
Étain	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	---

**CONTAMINATION**

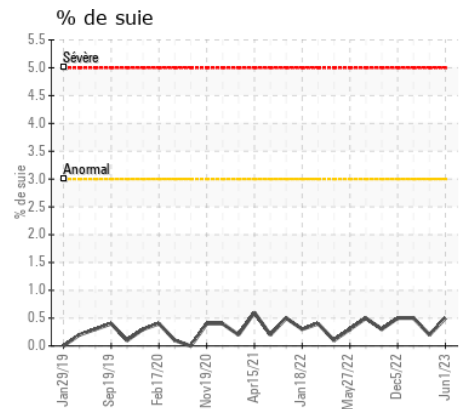
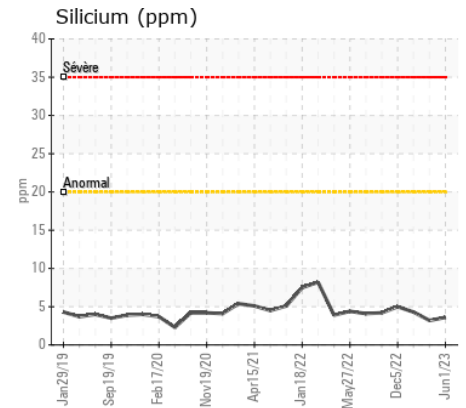
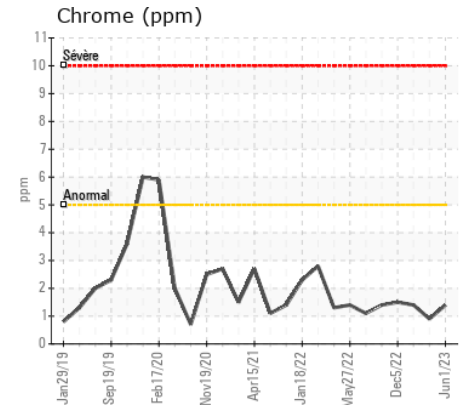
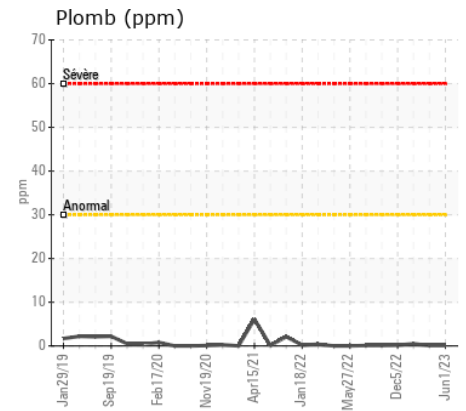
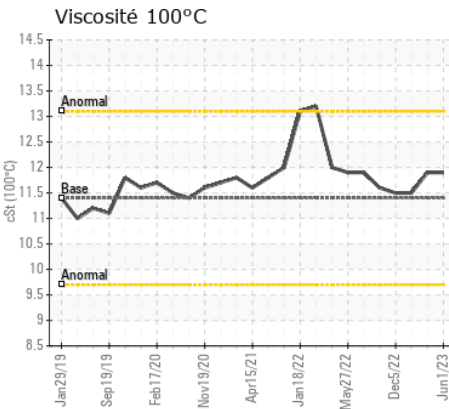
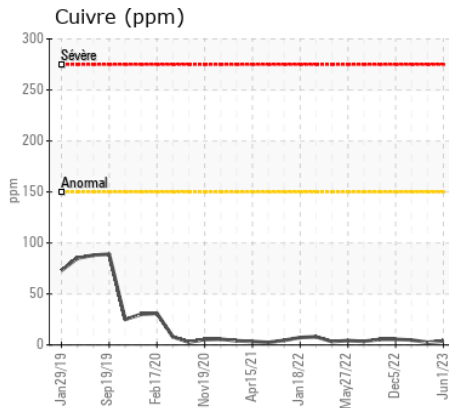
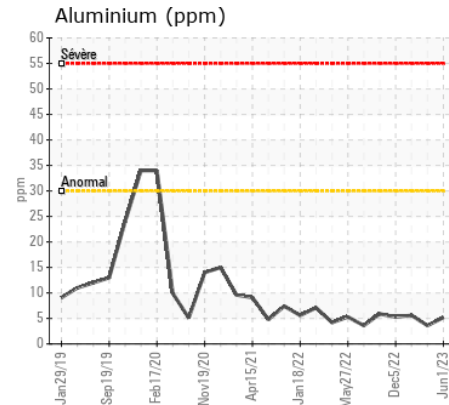
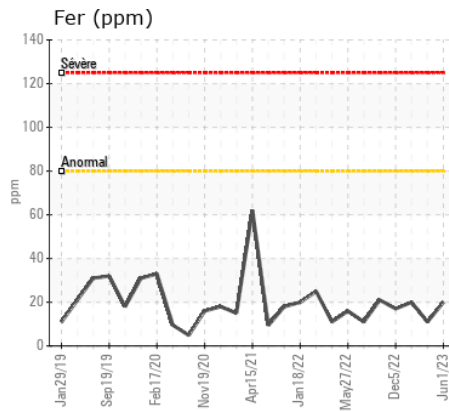
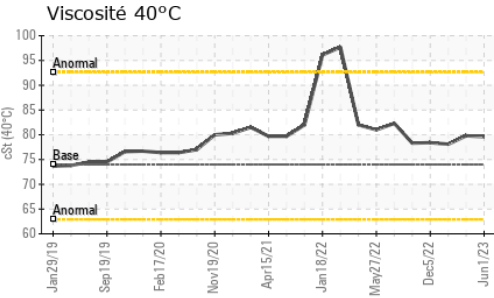
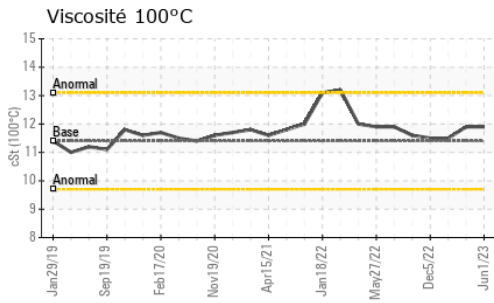
La teneur en eau est négligeable. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	<b>4</b>	3	4
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	0	2
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>0.5</b>	0.2	0.5
Nitration	Abs/cm	ASTM D7624*	>20	<b>9.1</b>	7.3	9.0
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>21.2</b>	19.0	21.9
Limon	scalar	Visual*	NONE	<b>VLITE</b>	NONE	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
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>2</b>	2	2
Bore	ppm	ASTM D5185(m)	1	<b>2</b>	3	3
Baryum	ppm	ASTM D5185(m)	1	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	1	<b>62</b>	59	59
Manganèse	ppm	ASTM D5185(m)	1	<b>&lt;1</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	10	<b>1015</b>	962	950
Calcium	ppm	ASTM D5185(m)	2942	<b>1124</b>	1096	1209
Phosphore	ppm	ASTM D5185(m)	1102	<b>1082</b>	1071	1072
Zinc	ppm	ASTM D5185(m)	1351	<b>1260</b>	1176	1231
Soufre	ppm	ASTM D5185(m)	3903	<b>2460</b>	2562	2408
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>17.0</b>	14.7	17.3
Visc 40°C	cSt	ASTM D7279(m)	74.0	<b>79.6</b>	79.8	78.1
Visc 100°C	cSt	ASTM D7279(m)	11.4	<b>11.9</b>	11.9	11.5
Indice de viscosité (VI)	Scale	ASTM D2270*	146	<b>143</b>	143	139



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0075393 **Reçu** : 08 Aug 2023  
**N° de laboratoire** : 02574439 **Diagnostiqué** : 08 Aug 2023  
**Numéro unique** : 5619490 **Diagnostiqueur** : Kevin Marson  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI, Visual )

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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