



Identité de la machine

**Freightliner 321**

Composant

**Moteur à gaz naturel**

Fluid

**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>PC0073191</b>	---	---
Date d'échant.		Client Info		<b>17 Oct 2023</b>	---	---
Âge d la Machine	kms	Client Info		<b>705425</b>	---	---
Âge de l'huile	kms	Client Info		<b>25192</b>	---	---
Âge du filtre	kms	Client Info		<b>25192</b>	---	---
Huile changée		Client Info		<b>Not Chngd</b>	---	---
Filtre changé		Client Info		<b>Not Chngd</b>	---	---
Statut de l'échant.				<b>ABNORMAL</b>	---	---

**USURE**

Les taux d'usure de tous les composants sont normaux.

Fer	ppm	ASTM D5185(m)	>50	<b>17</b>	---	---
Chrome	ppm	ASTM D5185(m)	>4	<b>1</b>	---	---
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	---	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	---	---
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	---	---
Aluminium	ppm	ASTM D5185(m)	>9	<b>2</b>	---	---
Plomb	ppm	ASTM D5185(m)	>30	<b>&lt;1</b>	---	---
Cuivre	ppm	ASTM D5185(m)	>35	<b>2</b>	---	---
Étain	ppm	ASTM D5185(m)	>4	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Métal blanc	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

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

Silicium	ppm	ASTM D5185(m)	>+100	<b>46</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---
L'eau		WC Method	>0.1	<b>NEG</b>	---	---
% de suie	%	ASTM D7844*		<b>0</b>	---	---
Nitration	Abs/cm	ASTM D7624*	>20	<b>11.6</b>	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>22.0</b>	---	---
Limon	scalar	Visual*	NONE	<b>NONE</b>	---	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	---	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	---	---
Eau émulsifiée	scalar	Visual*	>0.1	<b>NEG</b>	---	---

**ÉTAT DU FLUIDE**

La viscosité de l'échantillon se situe dans la portée de l'SAE 15W40; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		<b>4</b>	---	---
Bore	ppm	ASTM D5185(m)	1	<b>10</b>	---	---
Baryum	ppm	ASTM D5185(m)	1	<b>0</b>	---	---
Molybdène	ppm	ASTM D5185(m)	1	<b>51</b>	---	---
Manganèse	ppm	ASTM D5185(m)	1	<b>0</b>	---	---
Magnésium	ppm	ASTM D5185(m)	10	<b>797</b>	---	---
Calcium	ppm	ASTM D5185(m)	2942	<b>1262</b>	---	---
Phosphore	ppm	ASTM D5185(m)	1102	<b>692</b>	---	---
Zinc	ppm	ASTM D5185(m)	1351	<b>899</b>	---	---
Soufre	ppm	ASTM D5185(m)	3903	<b>2121</b>	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>17.8</b>	---	---
Visc 40°C	cSt	ASTM D7279(m)	74.0	<b>▲ 98.9</b>	---	---
Visc 100°C	cSt	ASTM D7279(m)	11.4	<b>▲ 13.5</b>	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*	146	<b>136</b>	---	---

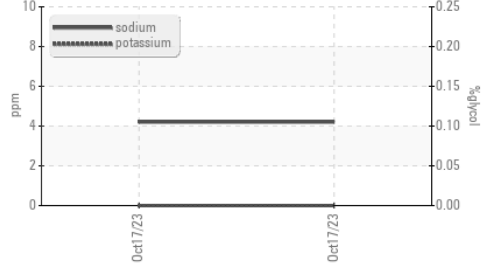
▲ Viscosité 100°C



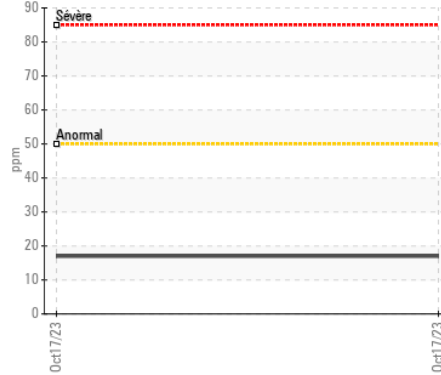
▲ Viscosité 40°C



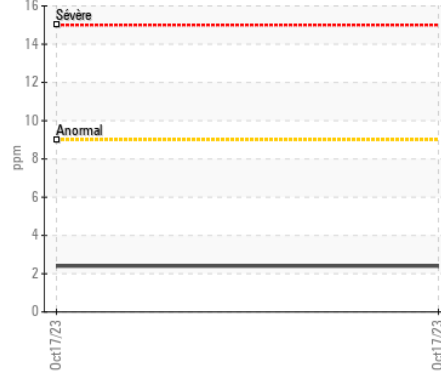
Contamination par le glycol



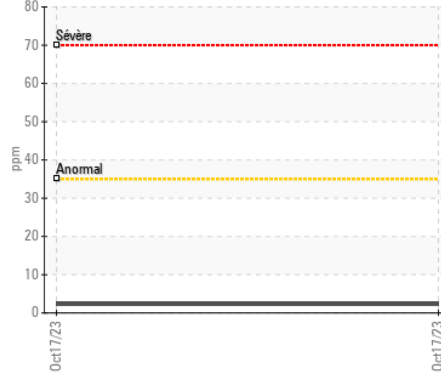
Fer (ppm)



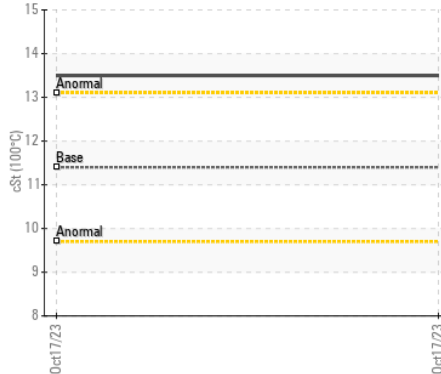
Aluminium (ppm)



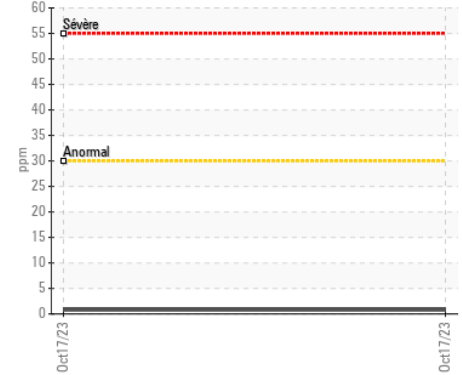
Cuivre (ppm)



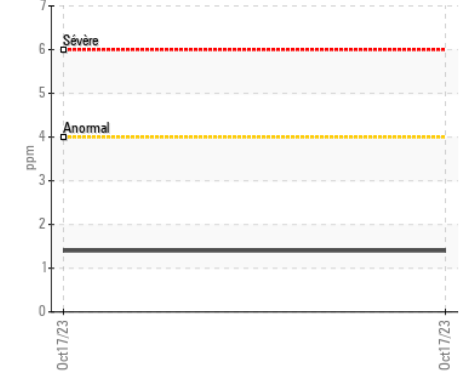
▲ Viscosité 100°C



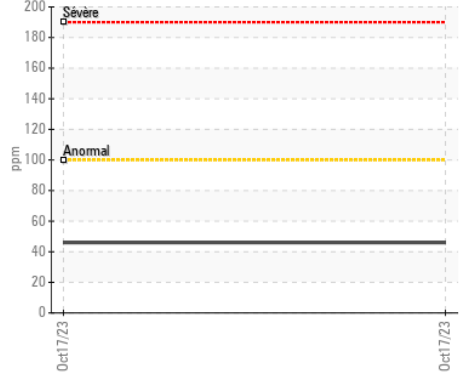
Plomb (ppm)



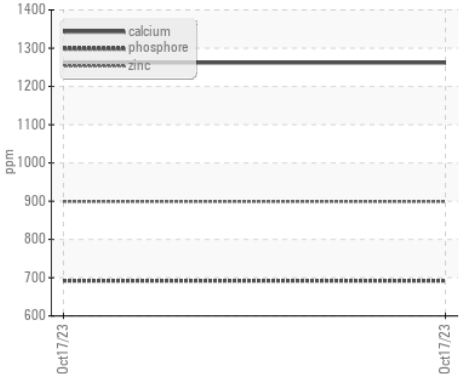
Chrome (ppm)



Silicium (ppm)



Additifs



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0073191 **Reçu** : 12 Jan 2024  
**N° de laboratoire** : 02608420 **Diagnostiqué** : 15 Jan 2024  
**Numéro unique** : 5709506 **Diagnostiqueur** : Kevin Marson  
**Analyse** : MOB 1 ( Additional Tests: Glycol, 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.

**Transport Dynapro**

10808 Cantin

Montreal Nord, QC

CA H1G 6P7

Contact: Pascal Perron

pascal.dynapro@gmail.com

T: (514)255-7930

F: (514)255-7903