



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

FREIGHTLINER 1078

Composant

Moteur diesel

Fluid

PETRO CANADA DURON SAE 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		PC0073161	PC0072771	---
Date d'échant.		Client Info		04 Oct 2023	01 May 2023	---
Âge d la Machine	kms	Client Info		513273	469841	---
Âge de l'huile	kms	Client Info		43432	36542	---
Âge du filtre	kms	Client Info		43432	36542	---
Huile changée		Client Info		Changed	Changed	---
Filtre changé		Client Info		Changed	Changed	---
Statut de l'échant.				NORMAL	NORMAL	---

USURE

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

Fer	ppm	ASTM D5185(m)	>80	22	10	---
Chrome	ppm	ASTM D5185(m)	>5	<1	<1	---
Nickel	ppm	ASTM D5185(m)	>2	<1	0	---
Titane	ppm	ASTM D5185(m)		0	<1	---
Argent	ppm	ASTM D5185(m)	>3	0	0	---
Aluminium	ppm	ASTM D5185(m)	>30	6	3	---
Plomb	ppm	ASTM D5185(m)	>30	<1	0	---
Cuivre	ppm	ASTM D5185(m)	>150	1	<1	---
Étain	ppm	ASTM D5185(m)	>5	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

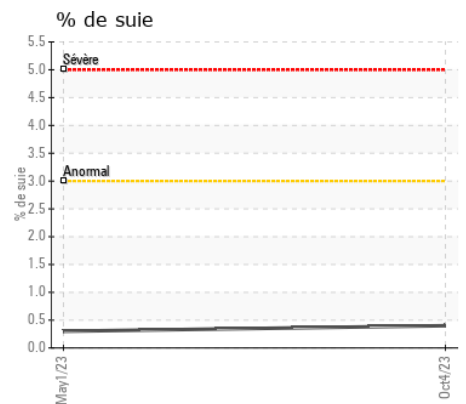
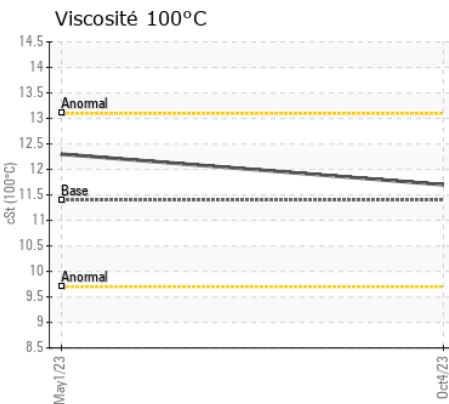
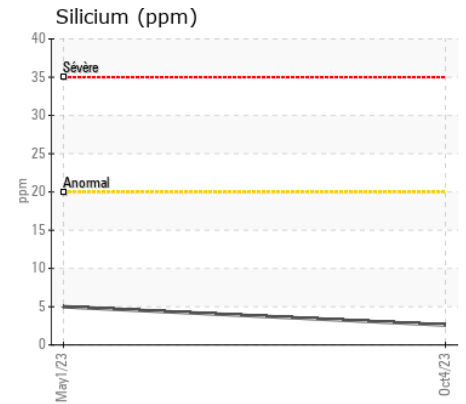
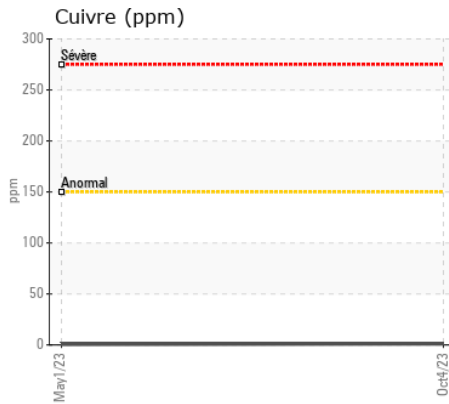
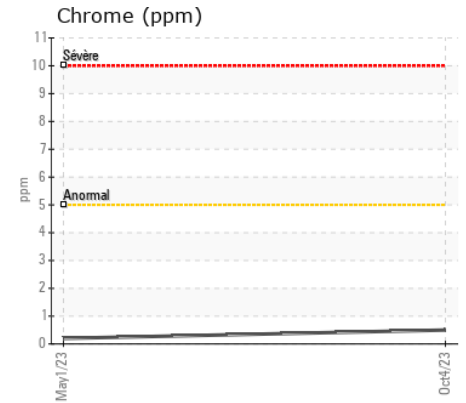
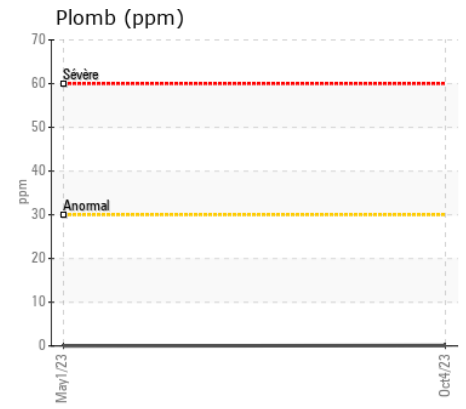
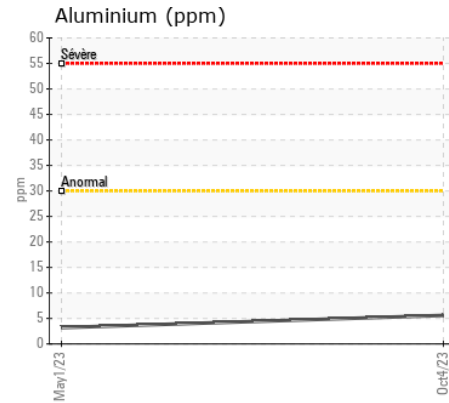
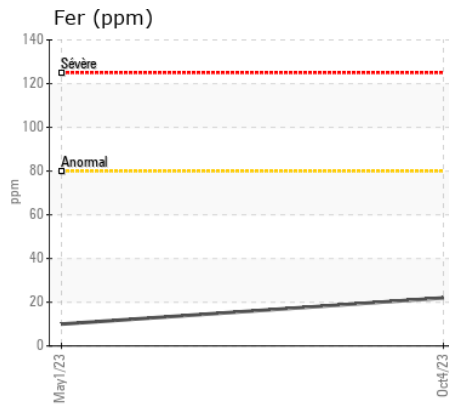
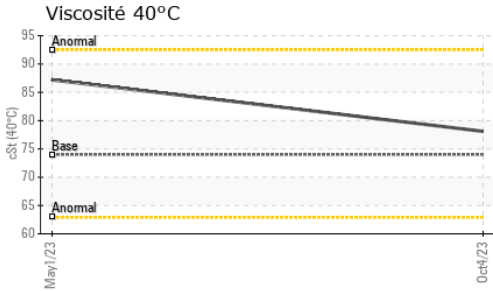
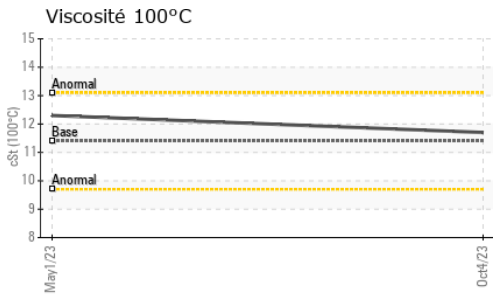
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	3	5	---
Potassium	ppm	ASTM D5185(m)	>20	6	2	---
Essence		WC Method	>5	<1.0	<1.0	---
L'eau		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>3	0.4	0.3	---
Nitration	Abs./cm	ASTM D7624*	>20	10.2	9.5	---
Sulfatation	Abs./1mm	ASTM D7415*	>30	21.0	19.9	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	---

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		2	2	---
Bore	ppm	ASTM D5185(m)	1	1	8	---
Baryum	ppm	ASTM D5185(m)	1	0	0	---
Molybdène	ppm	ASTM D5185(m)	1	61	64	---
Manganèse	ppm	ASTM D5185(m)	1	0	<1	---
Magnésium	ppm	ASTM D5185(m)	10	981	971	---
Calcium	ppm	ASTM D5185(m)	2942	1086	1158	---
Phosphore	ppm	ASTM D5185(m)	1102	1045	1125	---
Zinc	ppm	ASTM D5185(m)	1351	1213	1226	---
Soufre	ppm	ASTM D5185(m)	3903	2600	2693	---
Oxydation	Abs./1mm	ASTM D7414*	>25	17.2	16.4	---
Visc 40°C	cSt	ASTM D7279(m)	74.0	78.1	87.2	---
Visc 100°C	cSt	ASTM D7279(m)	11.4	11.7	12.3	---
Indice de viscosité (VI)	Scale	ASTM D2270*	146	143	136	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0073161 **Reçu** : 12 Jan 2024
N° de laboratoire : 02608477 **Diagnostiqué** : 15 Jan 2024
Numéro unique : 5709563 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI)

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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