



Identité de la machine

FREIGHTLINER 4019

Composant

Moteur diesel

Fluide

PETRO CANADA DURON SHP 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		PC0076034	PC0054161	---
Date d'échant.		Client Info		05 Jul 2023	14 Mar 2022	---
Âge d la Machine	kms	Client Info		144706	37629	---
Âge de l'huile	kms	Client Info		29558	37629	---
Âge du filtre	kms	Client Info		29558	37629	---
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	17	71	---
Chrome	ppm	ASTM D5185(m)	>5	2	4	---
Nickel	ppm	ASTM D5185(m)	>2	<1	2	---
Titane	ppm	ASTM D5185(m)		0	0	---
Argent	ppm	ASTM D5185(m)	>3	<1	<1	---
Aluminium	ppm	ASTM D5185(m)	>30	7	56	---
Plomb	ppm	ASTM D5185(m)	>30	2	8	---
Cuivre	ppm	ASTM D5185(m)	>150	60	280	---
Étain	ppm	ASTM D5185(m)	>5	1	11	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

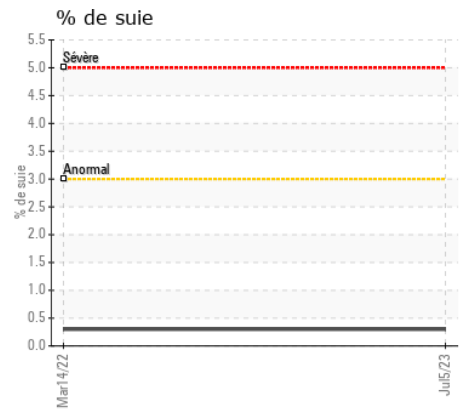
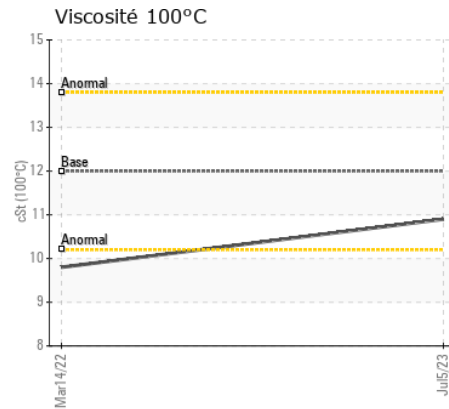
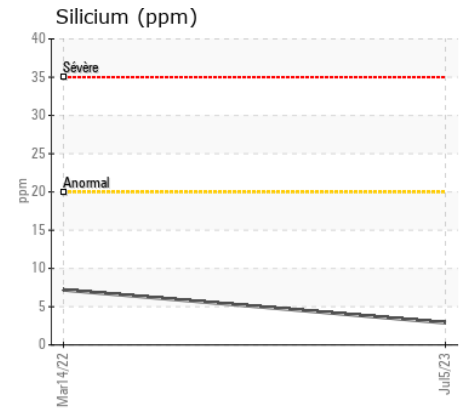
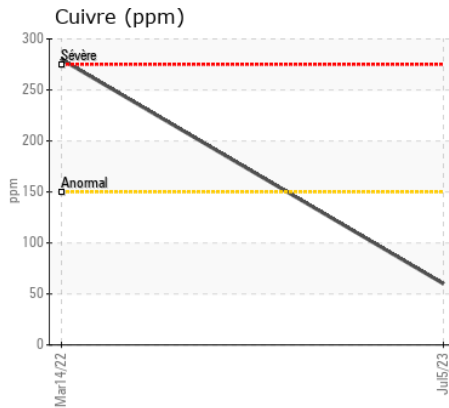
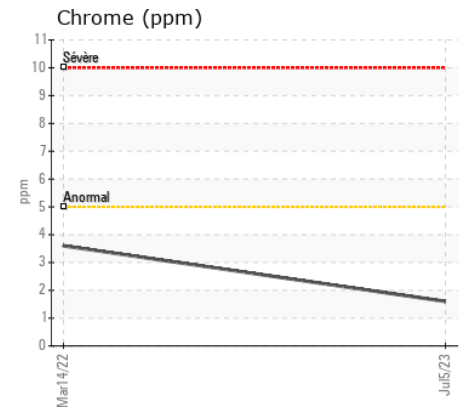
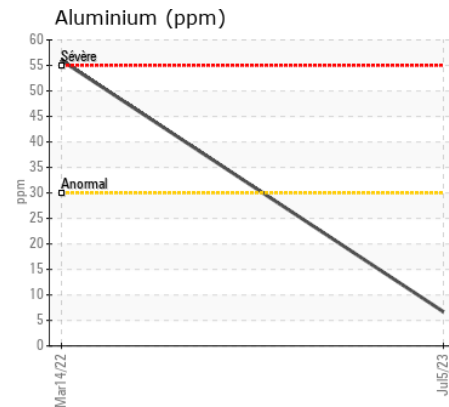
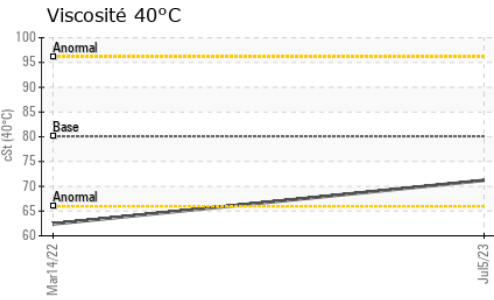
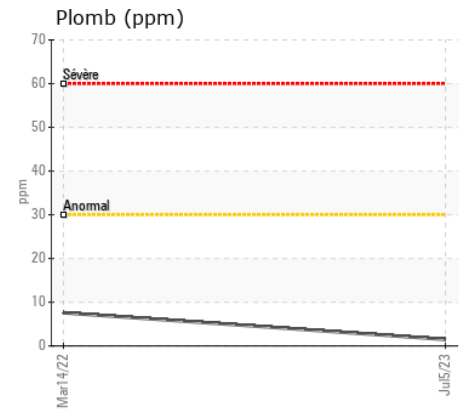
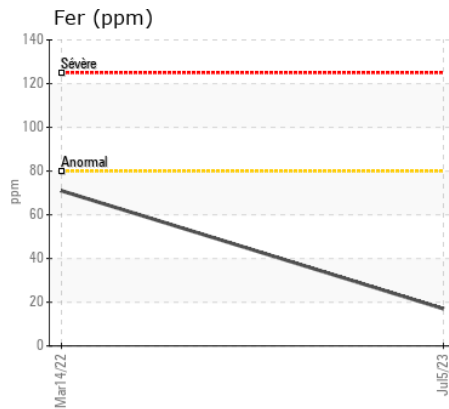
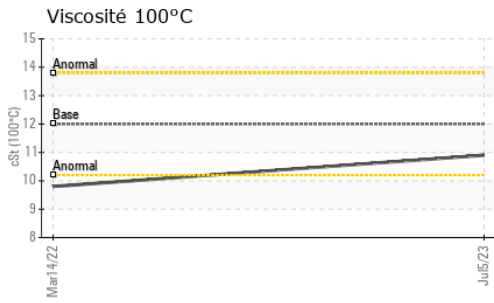
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	3	7	---
Potassium	ppm	ASTM D5185(m)	>20	12	145	---
Essence		WC Method	>5	<1.0	0.4	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>3	0.3	0.3	---
Nitration	Abs/cm	ASTM D7624*	>20	7.0	9.8	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.6	24.2	---
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	6	---
Bore	ppm	ASTM D5185(m)	2	3	40	---
Baryum	ppm	ASTM D5185(m)	0	0	<1	---
Molybdène	ppm	ASTM D5185(m)	50	59	38	---
Manganèse	ppm	ASTM D5185(m)	0	<1	4	---
Magnésium	ppm	ASTM D5185(m)	950	970	550	---
Calcium	ppm	ASTM D5185(m)	1050	1092	1620	---
Phosphore	ppm	ASTM D5185(m)	995	1062	794	---
Zinc	ppm	ASTM D5185(m)	1180	1201	864	---
Soufre	ppm	ASTM D5185(m)	2600	2478	1986	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	13.6	21.0	---
Visc 40°C	cSt	ASTM D7279(m)	80.1	71.2	62.4	---
Visc 100°C	cSt	ASTM D7279(m)	12.00	10.9	9.8	---
Indice de viscosité (VI)	Scale	ASTM D2270*	144	142	140	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0076034 **Reçu** : 26 Jul 2023
N° de laboratoire : 02572126 **Diagnostiqué** : 26 Jul 2023
Numéro unique : 5617177 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: 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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