



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

FREIGHTLINER 4043

Composant

Moteur diesel

Fluid

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		PC0083910	---	---
Date d'échant.		Client Info		20 Nov 2023	---	---
Âge d la Machine	kms	Client Info		223933	---	---
Âge de l'huile	kms	Client Info		75609	---	---
Âge du filtre	kms	Client Info		75609	---	---
Huile changée		Client Info		Changed	---	---
Filtre changé		Client Info		Changed	---	---
Statut de l'échant.				NORMAL	---	---

USURE

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

Fer	ppm	ASTM D5185(m)	>80	29	---	---
Chrome	ppm	ASTM D5185(m)	>5	2	---	---
Nickel	ppm	ASTM D5185(m)	>2	<1	---	---
Titane	ppm	ASTM D5185(m)		0	---	---
Argent	ppm	ASTM D5185(m)	>3	0	---	---
Aluminium	ppm	ASTM D5185(m)	>30	7	---	---
Plomb	ppm	ASTM D5185(m)	>30	<1	---	---
Cuivre	ppm	ASTM D5185(m)	>150	45	---	---
Étain	ppm	ASTM D5185(m)	>5	2	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

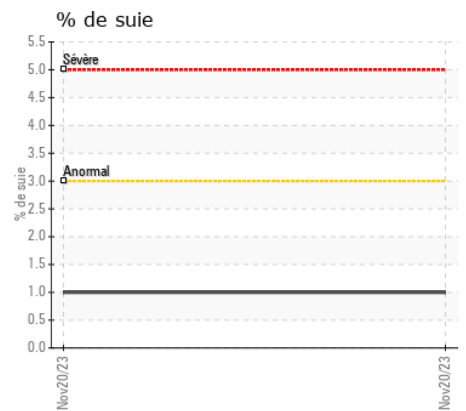
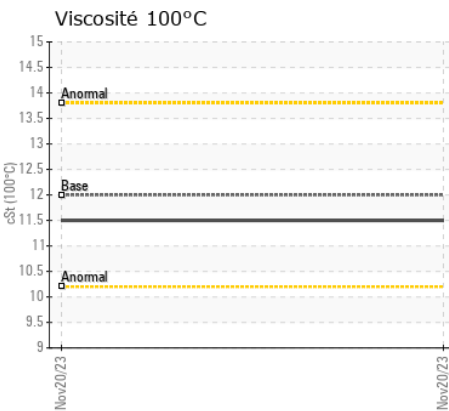
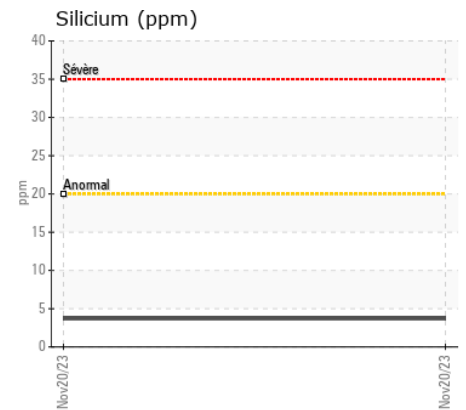
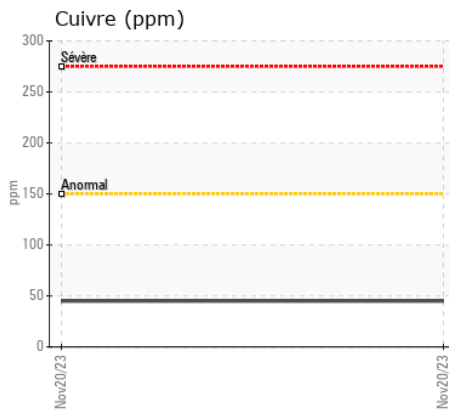
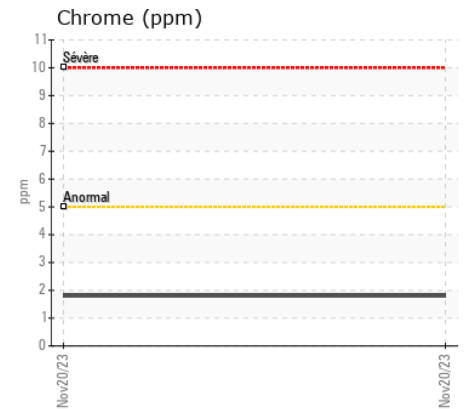
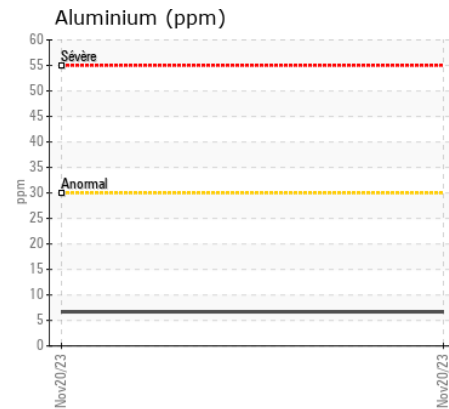
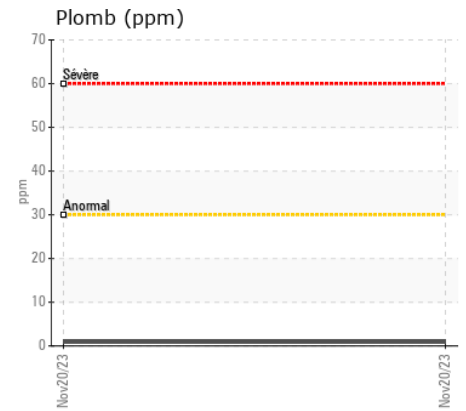
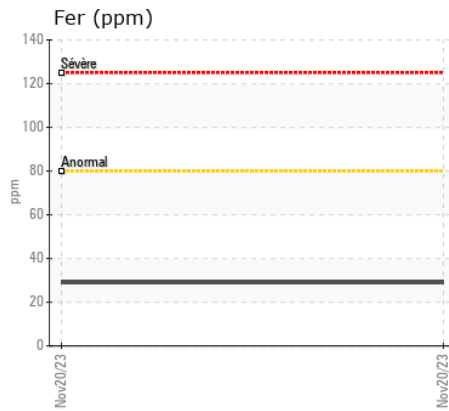
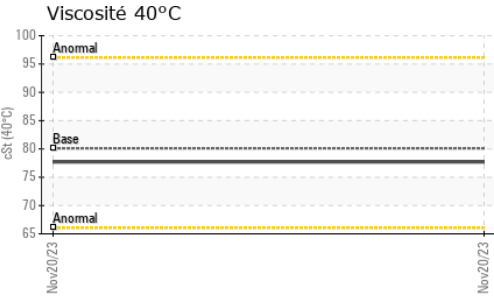
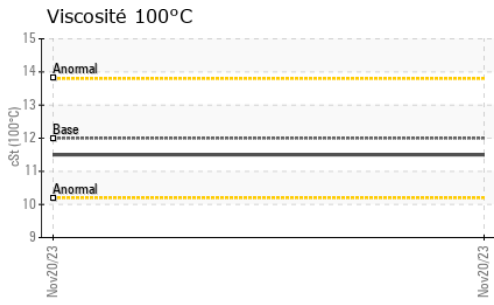
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	4	---	---
Potassium	ppm	ASTM D5185(m)	>20	12	---	---
Essence		WC Method	>5	<1.0	---	---
L'eau		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
% de suie	%	ASTM D7844*	>3	1	---	---
Nitration	Abs/cm	ASTM D7624*	>20	10.3	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	23.1	---	---
Limon	scalar	Visual*	NONE	VLITE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		4	---	---
Bore	ppm	ASTM D5185(m)	2	2	---	---
Baryum	ppm	ASTM D5185(m)	0	0	---	---
Molybdène	ppm	ASTM D5185(m)	50	59	---	---
Manganèse	ppm	ASTM D5185(m)	0	<1	---	---
Magnésium	ppm	ASTM D5185(m)	950	936	---	---
Calcium	ppm	ASTM D5185(m)	1050	1165	---	---
Phosphore	ppm	ASTM D5185(m)	995	906	---	---
Zinc	ppm	ASTM D5185(m)	1180	1151	---	---
Soufre	ppm	ASTM D5185(m)	2600	1892	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	19.7	---	---
Visc 40°C	cSt	ASTM D7279(m)	80.1	77.7	---	---
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.5	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*	144	140	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0083910 **Reçu** : 17 Jan 2024
N° de laboratoire : 02609256 **Diagnostiqué** : 18 Jan 2024
Numéro unique : 5710342 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

LOCATION BROSSARD INC

2190 HYMUS
DORVAL, QC
CA H9P 1J7

Contact: Jacques Girard
jgirard@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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