



Identité de la machine

FREIGHTLINER 4038

Composant

Moteur diesel

Fluide

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		PC0075889	PC0060550	---
Date d'échant.		Client Info		09 Jun 2023	20 Jun 2022	---
Âge d la Machine	kms	Client Info		85531	30000	---
Âge de l'huile	kms	Client Info		21810	30000	---
Âge du filtre	kms	Client Info		21810	30000	---
Huile changée		Client Info		Changed	Changed	---
Filtre changé		Client Info		Changed	Changed	---
Statut de l'échant.				NORMAL	NORMAL	---

USURE

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

Fer	ppm	ASTM D5185(m)	>80	21	41	---
Chrome	ppm	ASTM D5185(m)	>5	1	1	---
Nickel	ppm	ASTM D5185(m)	>2	0	<1	---
Titane	ppm	ASTM D5185(m)		0	<1	---
Argent	ppm	ASTM D5185(m)	>3	<1	<1	---
Aluminium	ppm	ASTM D5185(m)	>30	8	16	---
Plomb	ppm	ASTM D5185(m)	>30	3	8	---
Cuivre	ppm	ASTM D5185(m)	>150	115	284	---
Étain	ppm	ASTM D5185(m)	>5	1	5	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

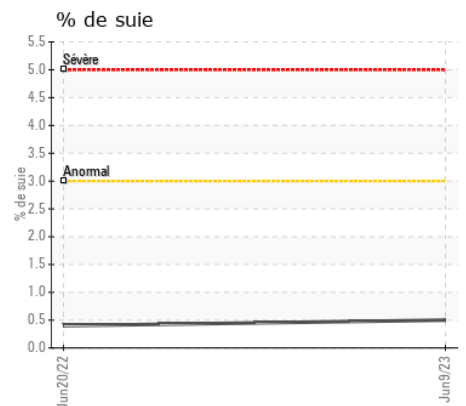
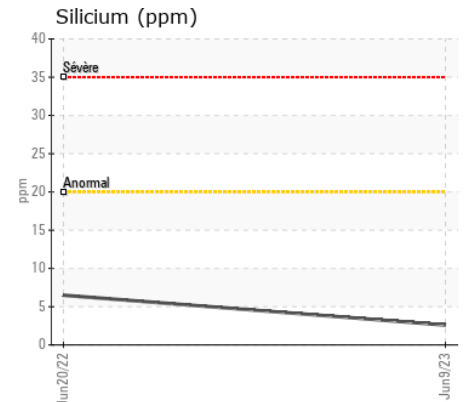
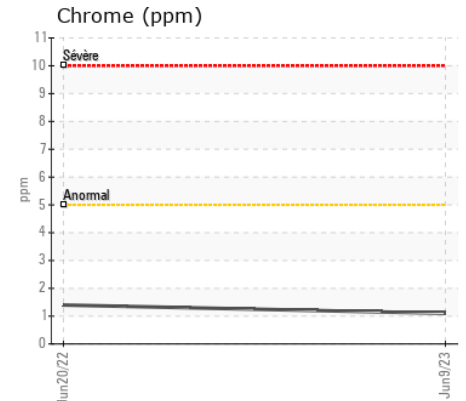
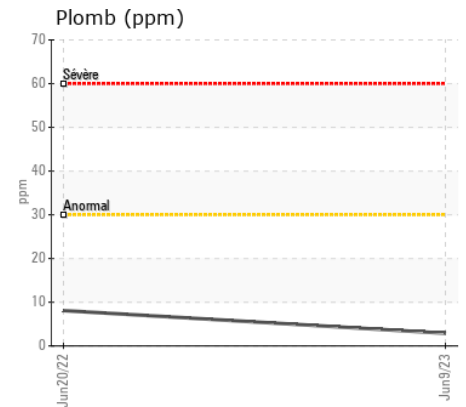
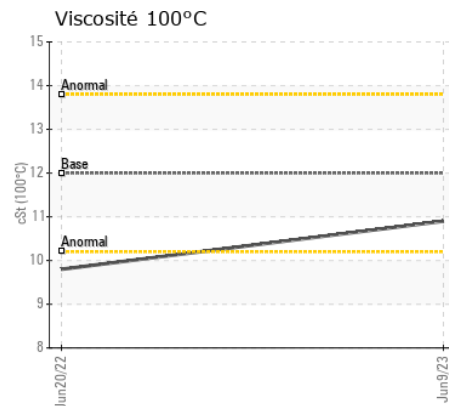
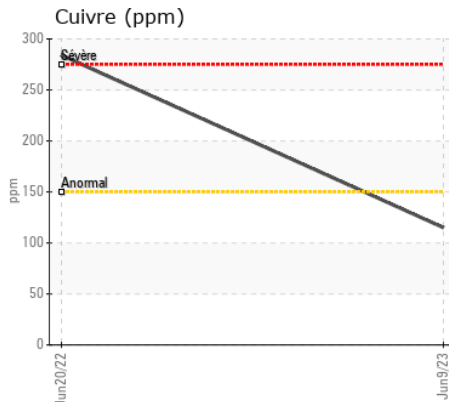
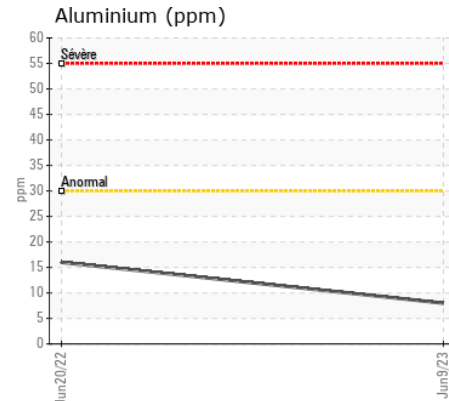
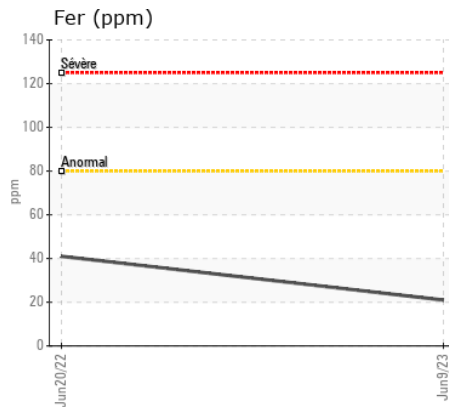
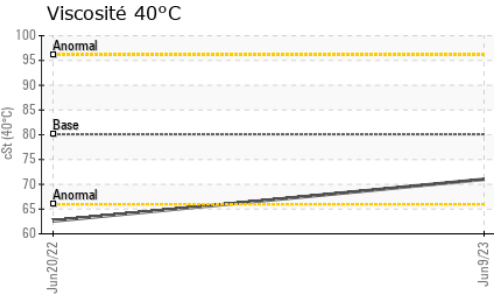
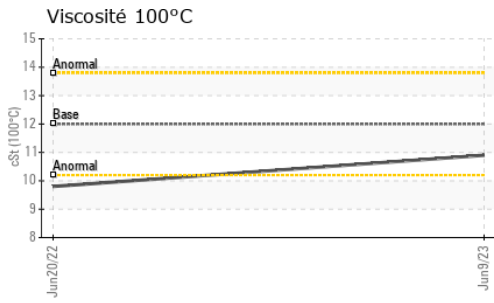
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	3	6	---
Potassium	ppm	ASTM D5185(m)	>20	19	44	---
Essence		WC Method	>5	<1.0	0.5	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>3	0.5	0.4	---
Nitration	Abs/cm	ASTM D7624*	>20	8.7	9.7	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.1	26.0	---
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	5	---
Bore	ppm	ASTM D5185(m)	2	3	44	---
Baryum	ppm	ASTM D5185(m)	0	0	<1	---
Molybdène	ppm	ASTM D5185(m)	50	59	41	---
Manganèse	ppm	ASTM D5185(m)	0	<1	3	---
Magnésium	ppm	ASTM D5185(m)	950	990	525	---
Calcium	ppm	ASTM D5185(m)	1050	1103	1785	---
Phosphore	ppm	ASTM D5185(m)	995	1056	754	---
Zinc	ppm	ASTM D5185(m)	1180	1207	892	---
Soufre	ppm	ASTM D5185(m)	2600	2289	1950	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.3	22.5	---
Visc 40°C	cSt	ASTM D7279(m)	80.1	71.0	62.6	---
Visc 100°C	cSt	ASTM D7279(m)	12.00	10.9	9.8	---
Indice de viscosité (VI)	Scale	ASTM D2270*	144	143	140	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0075889 **Reçu** : 26 Jul 2023
N° de laboratoire : 02572212 **Diagnostiqué** : 26 Jul 2023
Numéro unique : 5617263 **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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