



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

FREIGHTLINER 4059

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		PC0076009	PC0060289	---
Date d'échant.		Client Info		18 Jul 2023	29 Jan 2023	---
Âge d la Machine	kms	Client Info		77795	40503	---
Âge de l'huile	kms	Client Info		20470	40503	---
Âge du filtre	kms	Client Info		20470	40503	---
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	35	48	---
Chrome	ppm	ASTM D5185(m)	>5	2	2	---
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	---
Titane	ppm	ASTM D5185(m)		<1	<1	---
Argent	ppm	ASTM D5185(m)	>3	<1	<1	---
Aluminium	ppm	ASTM D5185(m)	>30	14	26	---
Plomb	ppm	ASTM D5185(m)	>30	5	5	---
Cuivre	ppm	ASTM D5185(m)	>150	194	230	---
Étain	ppm	ASTM D5185(m)	>5	2	4	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

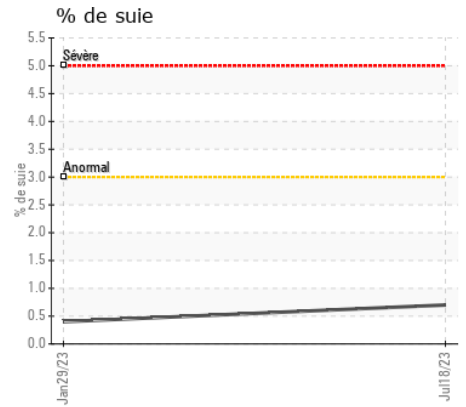
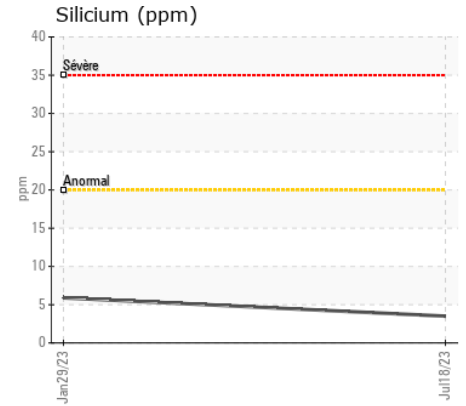
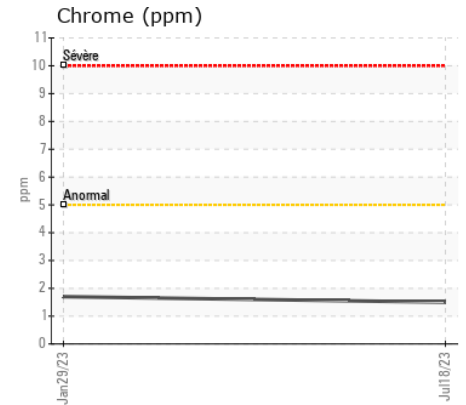
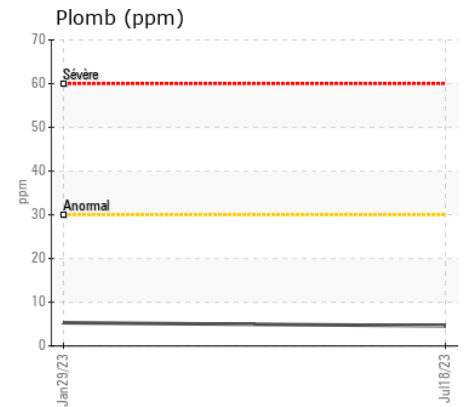
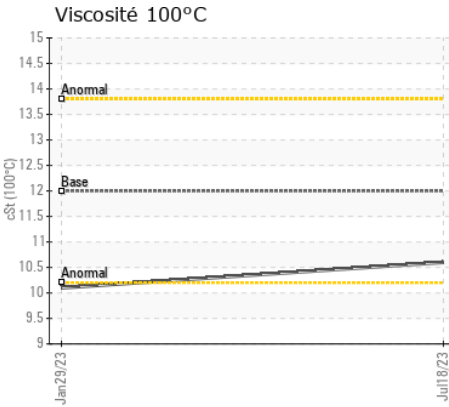
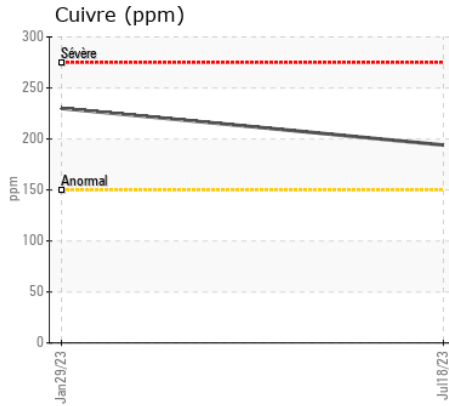
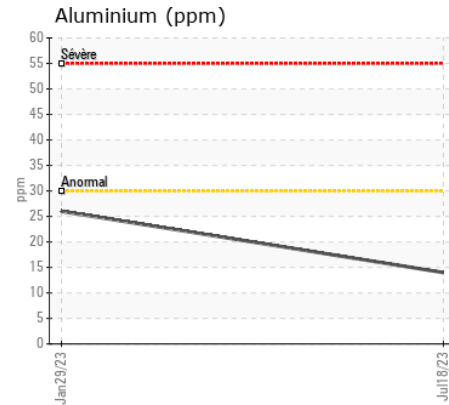
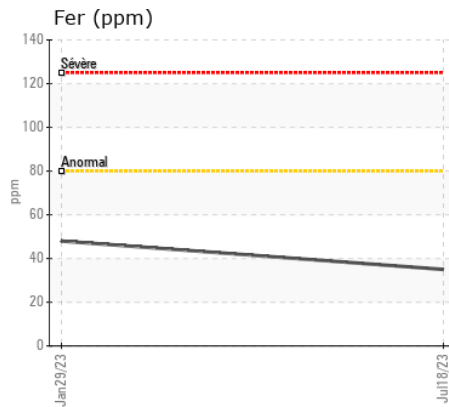
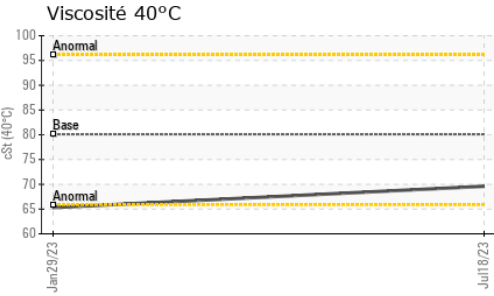
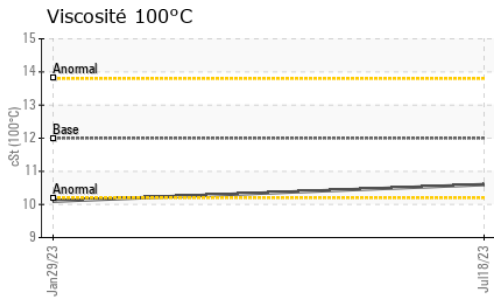
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	4	6	---
Potassium	ppm	ASTM D5185(m)	>20	33	79	---
Essence		WC Method	>5	<1.0	0.6	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>3	0.7	0.4	---
Nitration	Abs/cm	ASTM D7624*	>20	9.3	9.7	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.5	24.9	---
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	NORML	---
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	6	38	---
Baryum	ppm	ASTM D5185(m)	0	0	<1	---
Molybdène	ppm	ASTM D5185(m)	50	58	48	---
Manganèse	ppm	ASTM D5185(m)	0	1	3	---
Magnésium	ppm	ASTM D5185(m)	950	920	530	---
Calcium	ppm	ASTM D5185(m)	1050	1193	1786	---
Phosphore	ppm	ASTM D5185(m)	995	1014	805	---
Zinc	ppm	ASTM D5185(m)	1180	1156	884	---
Soufre	ppm	ASTM D5185(m)	2600	2034	1925	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.6	22.9	---
Visc 40°C	cSt	ASTM D7279(m)	80.1	69.6	65.3	---
Visc 100°C	cSt	ASTM D7279(m)	12.00	10.6	10.1	---
Indice de viscosité (VI)	Scale	ASTM D2270*	144	140	140	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0076009
N° de laboratoire : 02582693
Numéro unique : 5643758
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

Reçu : 15 Sep 2023
Diagnostiqué : 15 Sep 2023
Diagnostiqueur : Wes Davis

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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