



Identité de la machine

FREIGHTLINER 3940

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		PC0075976	PC0067844	PC0065031
Date d'échant.		Client Info		12 May 2023	12 Dec 2022	06 Jul 2022
Âge d la Machine	kms	Client Info		123594	102757	86886
Âge de l'huile	kms	Client Info		20831	15871	12422
Âge du filtre	kms	Client Info		20831	15871	12422
Huile changée		Client Info		Changed	Changed	Changed
Filtre changé		Client Info		Changed	Changed	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

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

Fer	ppm	ASTM D5185(m)	>80	10	10	9
Chrome	ppm	ASTM D5185(m)	>5	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	0	<1	<1
Titane	ppm	ASTM D5185(m)		0	<1	<1
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>30	10	9	6
Plomb	ppm	ASTM D5185(m)	>30	<1	<1	<1
Cuivre	ppm	ASTM D5185(m)	>150	15	19	22
Étain	ppm	ASTM D5185(m)	>5	1	1	2
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

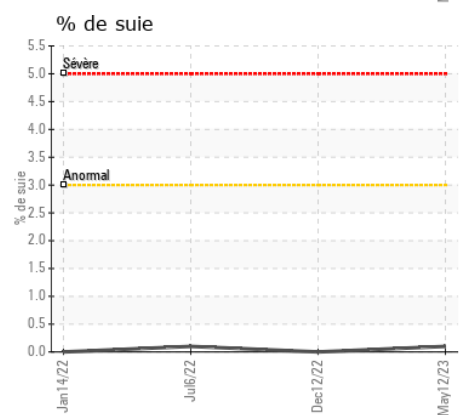
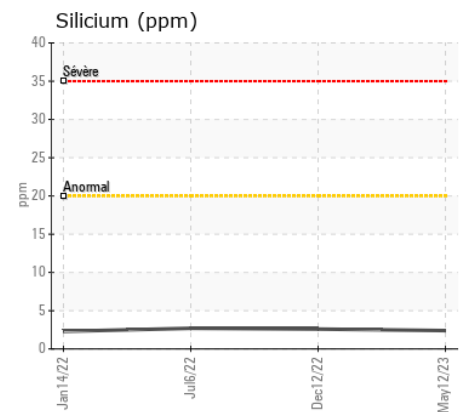
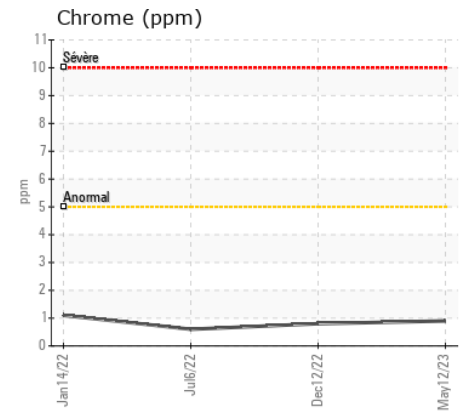
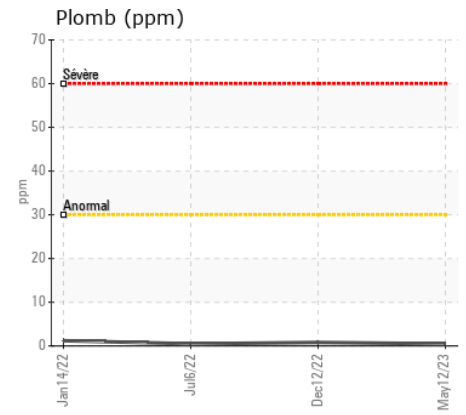
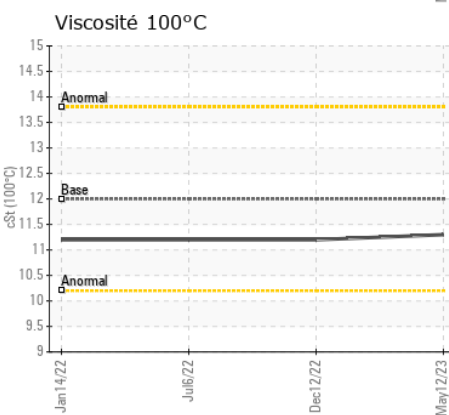
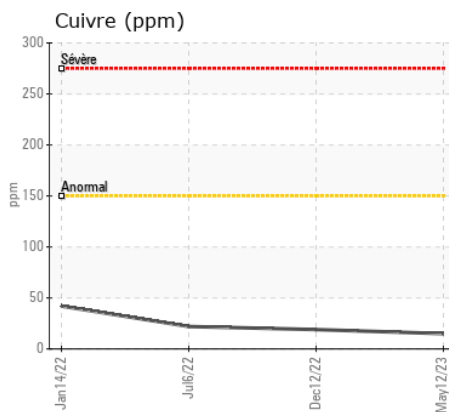
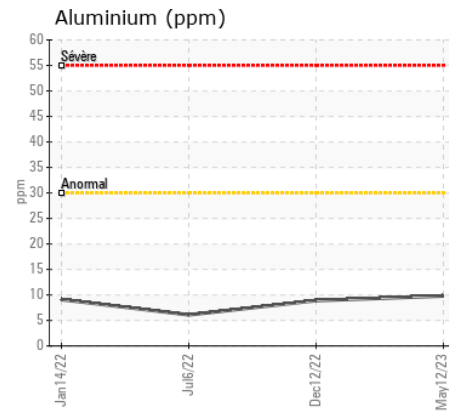
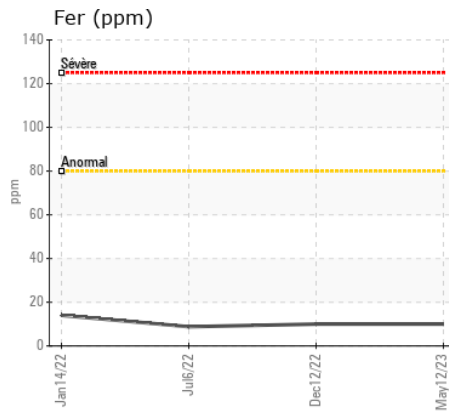
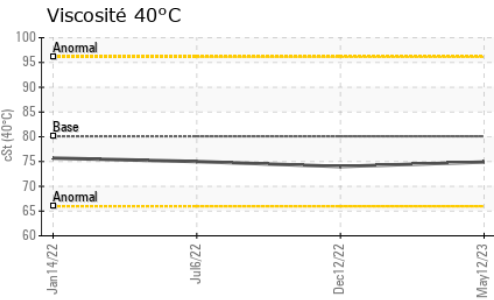
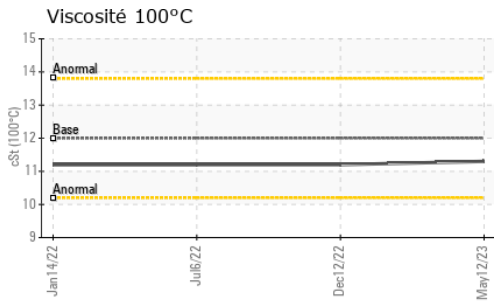
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	2	3	3
Potassium	ppm	ASTM D5185(m)	>20	21	15	12
Essence		WC Method	>5	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.1	0	0.1
Nitration	Abs/cm	ASTM D7624*	>20	6.9	6.8	6.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.5	19.8	19.1
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		2	2	2
Bore	ppm	ASTM D5185(m)	2	3	4	2
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	50	58	59	58
Manganèse	ppm	ASTM D5185(m)	0	<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	975	961	939
Calcium	ppm	ASTM D5185(m)	1050	1060	1094	1153
Phosphore	ppm	ASTM D5185(m)	995	1048	1069	990
Zinc	ppm	ASTM D5185(m)	1180	1179	1159	1220
Soufre	ppm	ASTM D5185(m)	2600	2537	2609	2644
Oxydation	Abs/.1mm	ASTM D7414*	>25	13.7	14.4	14.4
Visc 40°C	cSt	ASTM D7279(m)	80.1	74.9	74.0	75.0
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.3	11.2	11.2
Indice de viscosité (VI)	Scale	ASTM D2270*	144	142	142	140



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0075976 **Reçu** : 26 Jul 2023
N° de laboratoire : 02572151 **Diagnostiqué** : 27 Jul 2023
Numéro unique : 5617202 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI)

LOCATION BROSSARD INC
 2190 HYMUS
 DORVAL, QC
 CA H9P 1J7
 Contact: Shawn Lamoureux
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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.