



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

FREIGHTLINER 1090

Composant

Moteur diesel

Fluid

PETRO CANADA DURON SAE 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		PC0082637	PC0075434	---
Date d'échant.		Client Info		03 Jan 2024	24 Apr 2023	---
Âge d la Machine	kms	Client Info		457381	0	---
Âge de l'huile	kms	Client Info		69038	388313	---
Âge du filtre	kms	Client Info		69038	388313	---
Huile changée		Client Info		Changed	Changed	---
Filtre changé		Client Info		Changed	Changed	---
Statut de l'échant.				NORMAL	NORMAL	---

USURE

Nous avons noté une hausse du niveau de fer. Les taux d'usure de tous les autres composants sont normaux.

PQ		ASTM D8184*	>65	0	---	---
Fer	ppm	ASTM D5185(m)	>80	68	5	---
Chrome	ppm	ASTM D5185(m)	>5	2	0	---
Nickel	ppm	ASTM D5185(m)	>2	<1	0	---
Titane	ppm	ASTM D5185(m)		0	<1	---
Argent	ppm	ASTM D5185(m)	>3	0	0	---
Aluminium	ppm	ASTM D5185(m)	>30	12	2	---
Plomb	ppm	ASTM D5185(m)	>30	0	0	---
Cuivre	ppm	ASTM D5185(m)	>150	4	<1	---
Étain	ppm	ASTM D5185(m)	>5	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Métal blanc	scalar	Visual*	NONE	NONE	NONE	---
Bronze	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

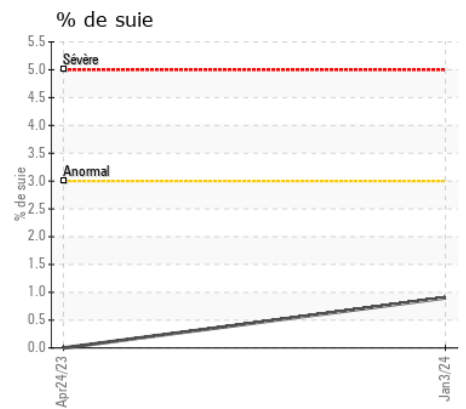
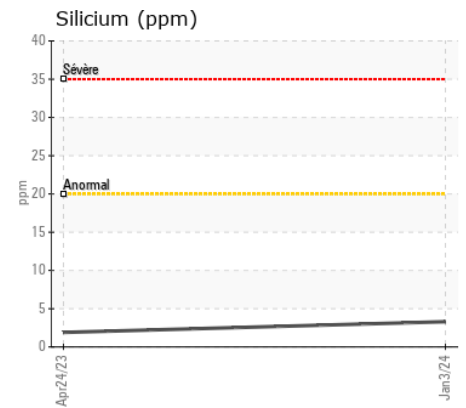
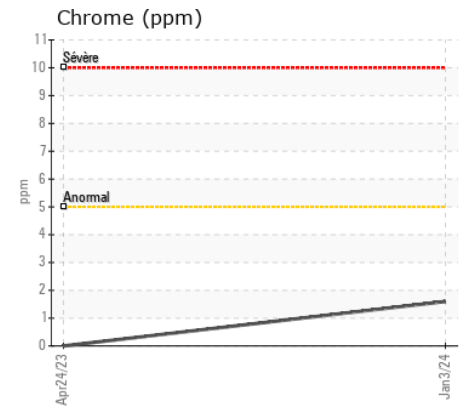
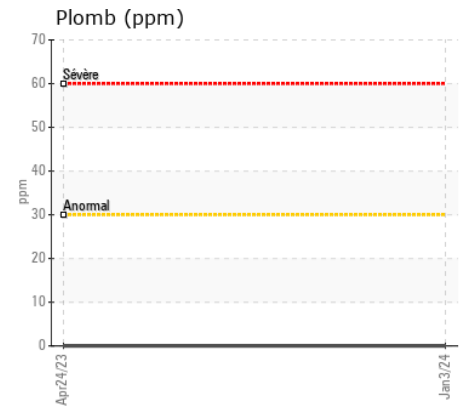
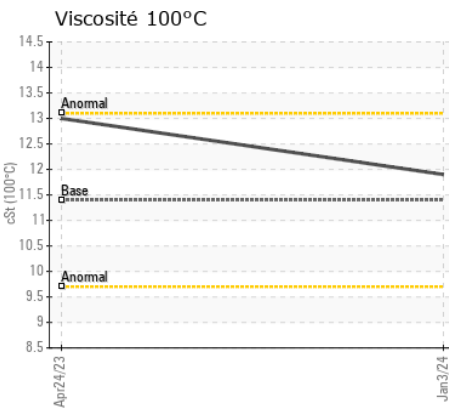
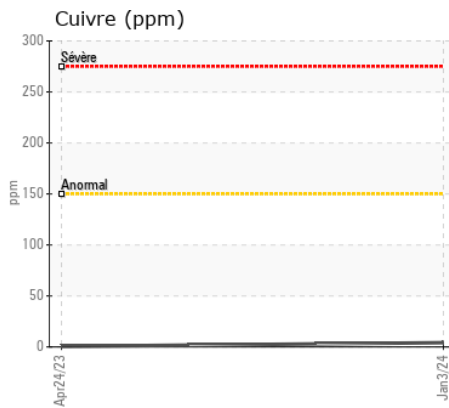
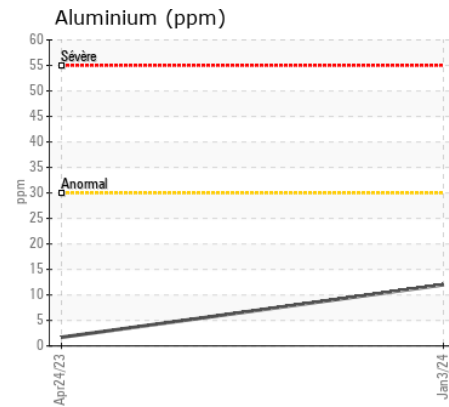
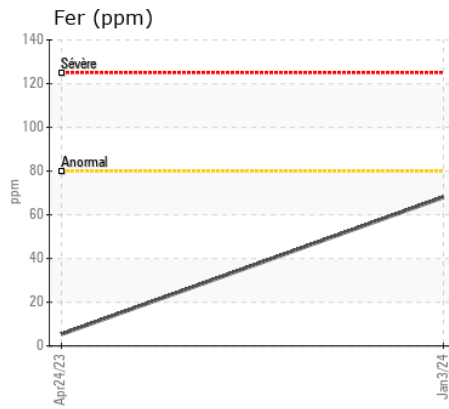
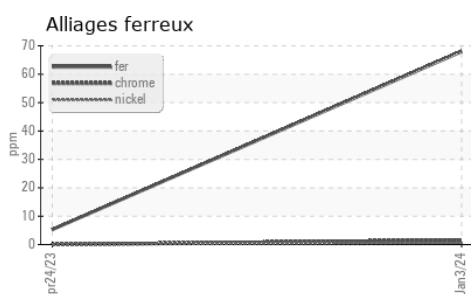
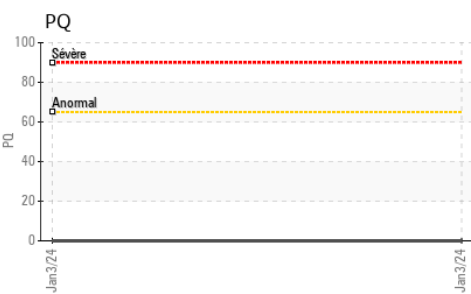
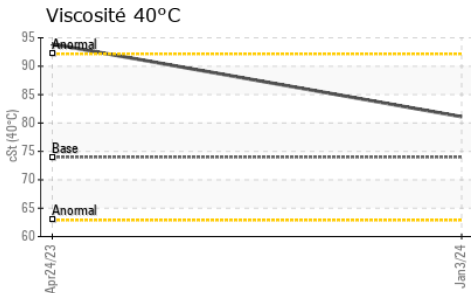
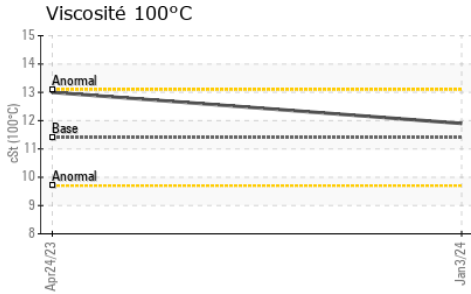
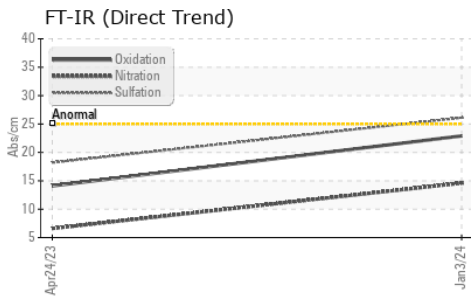
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	3	2	---
Potassium	ppm	ASTM D5185(m)	>20	12	<1	---
Essence		WC Method	>5	<1.0	<1.0	---
L'eau		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>3	0.9	0	---
Nitration	Abs/cm	ASTM D7624*	>20	14.6	6.6	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	26.1	18.2	---
Limon	scalar	Visual*	NONE	VLITE	NONE	---
Débris	scalar	Visual*	NONE	VLITE	NONE	---
Saleté	scalar	Visual*	NONE	NONE	NONE	---
Apparence	scalar	Visual*	NORML	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	1	---
Bore	ppm	ASTM D5185(m)	1	2	6	---
Baryum	ppm	ASTM D5185(m)	1	0	0	---
Molybdène	ppm	ASTM D5185(m)	1	64	61	---
Manganèse	ppm	ASTM D5185(m)	1	0	<1	---
Magnésium	ppm	ASTM D5185(m)	10	1005	979	---
Calcium	ppm	ASTM D5185(m)	2942	1130	1137	---
Phosphore	ppm	ASTM D5185(m)	1102	985	1131	---
Zinc	ppm	ASTM D5185(m)	1351	1270	1212	---
Soufre	ppm	ASTM D5185(m)	3903	2286	2797	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	22.9	14.1	---
Visc 40°C	cSt	ASTM D7279(m)	74.0	81.1	93.9	---
Visc 100°C	cSt	ASTM D7279(m)	11.4	11.9	13.0	---
Indice de viscosité (VI)	Scale	ASTM D2270*	146	140	136	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0082637
N° de laboratoire : 02627173
Numéro unique : 5760305
Analyse : MOB 1 (Additional Tests: KV40, PQ, VI, Visual)
Reçu : 08 Apr 2024
Tested : 09 Apr 2024
Diagnostiqué : 09 Apr 2024 - Kevin Marson

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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