



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

FREIGHTLINER 1080

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		PC0083188	PC0073170	PC0066936
Date d'échant.		Client Info		11 Jan 2024	27 Sep 2023	06 Apr 2023
Âge d la Machine	kms	Client Info		0	574079	538054
Âge de l'huile	kms	Client Info		0	36025	38771
Âge du filtre	kms	Client Info		0	36025	38771
Huile changée		Client Info		N/A	Changed	Changed
Filtre changé		Client Info		N/A	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	58	42	9
Chrome	ppm	ASTM D5185(m)	>5	1	1	<1
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	0	<1	0
Aluminium	ppm	ASTM D5185(m)	>30	37	8	2
Plomb	ppm	ASTM D5185(m)	>30	<1	<1	<1
Cuivre	ppm	ASTM D5185(m)	>150	2	4	3
Étain	ppm	ASTM D5185(m)	>5	<1	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

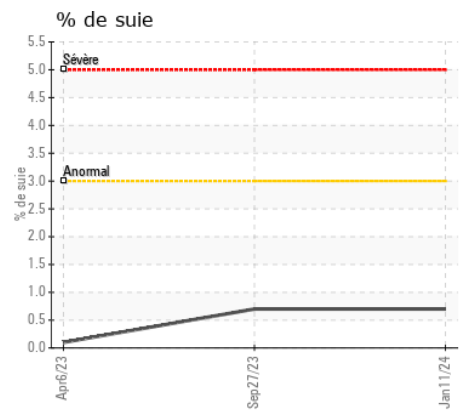
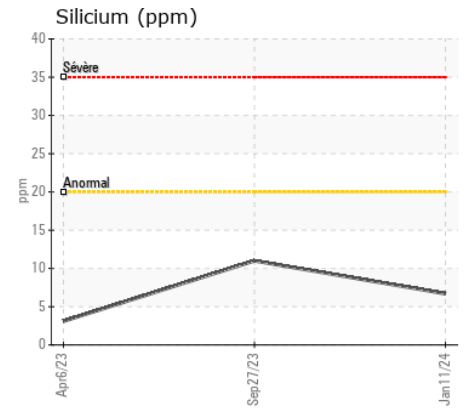
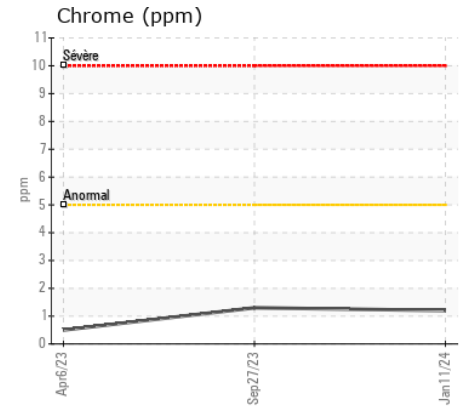
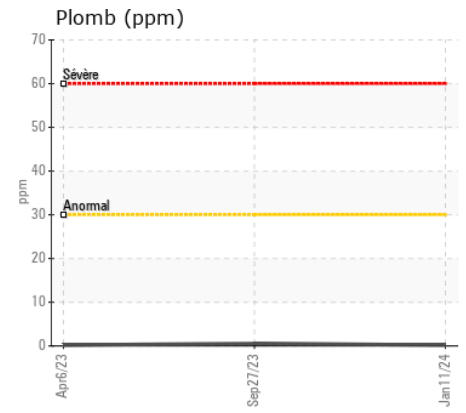
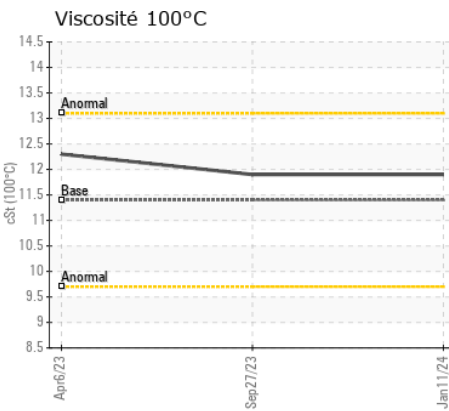
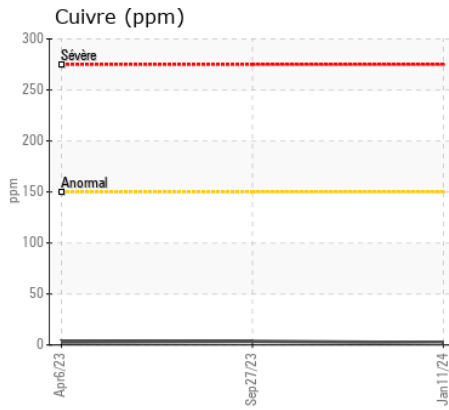
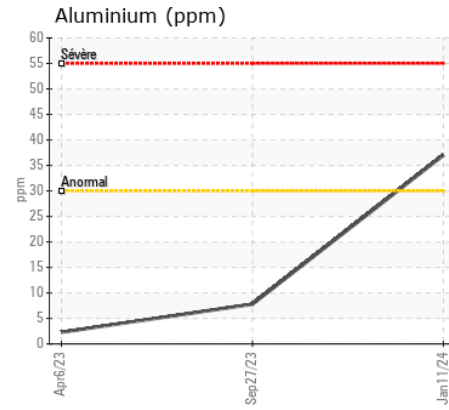
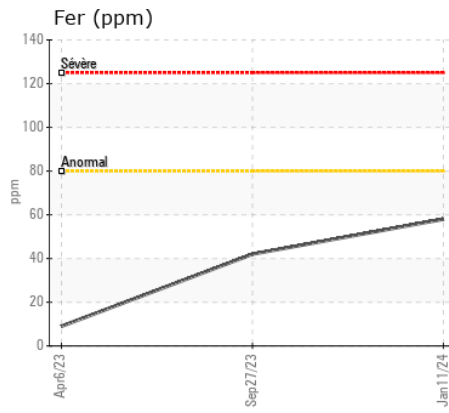
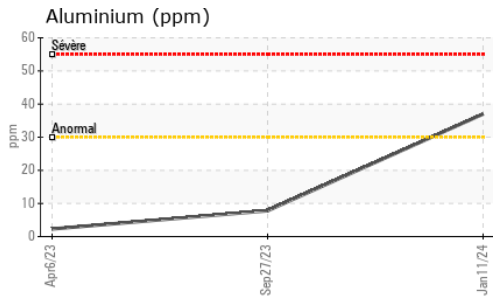
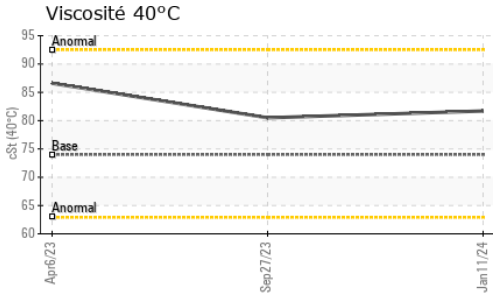
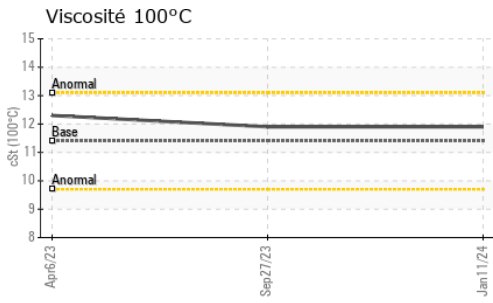
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	7	11	3
Potassium	ppm	ASTM D5185(m)	>20	53	4	0
Essence		WC Method	>5	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.7	0.7	0.1
Nitration	Abs/cm	ASTM D7624*	>20	13.5	12.5	7.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	26.6	23.6	18.6
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)	1	1	1	10
Baryum	ppm	ASTM D5185(m)	1	0	0	0
Molybdène	ppm	ASTM D5185(m)	1	68	61	61
Manganèse	ppm	ASTM D5185(m)	1	<1	0	<1
Magnésium	ppm	ASTM D5185(m)	10	1107	952	944
Calcium	ppm	ASTM D5185(m)	2942	1223	1078	1108
Phosphore	ppm	ASTM D5185(m)	1102	1153	926	1077
Zinc	ppm	ASTM D5185(m)	1351	1347	1179	1184
Soufre	ppm	ASTM D5185(m)	3903	2667	2423	2686
Oxydation	Abs/.1mm	ASTM D7414*	>25	23.6	18.9	14.1
Visc 40°C	cSt	ASTM D7279(m)	74.0	81.7	80.5	86.6
Visc 100°C	cSt	ASTM D7279(m)	11.4	11.9	11.9	12.3
Indice de viscosité (VI)	Scale	ASTM D2270*	146	139	141	137



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0083188 **Reçu** : 12 Jan 2024
N° de laboratoire : 02608498 **Diagnostiqué** : 15 Jan 2024
Numéro unique : 5709584 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI)

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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.