



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

FREIGHTLINER 52944

Composant

Moteur diesel

Fluid

PETRO CANADA DURON SHP 10W30 (--- LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0909585	---	---
Date d'échant.		Client Info		01 Mar 2024	---	---
Âge d la Machine	mls	Client Info		116636	---	---
Âge de l'huile	mls	Client Info		35432	---	---
Âge du filtre	mls	Client Info		35432	---	---
Huile changée		Client Info		Changed	---	---
Filtre changé		Client Info		Changed	---	---
Statut de l'échant.				NORMAL	---	---

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>80	34	---	---
Chrome	ppm	ASTM D5185(m)	>5	3	---	---
Nickel	ppm	ASTM D5185(m)	>2	0	---	---
Titane	ppm	ASTM D5185(m)		0	---	---
Argent	ppm	ASTM D5185(m)	>3	0	---	---
Aluminium	ppm	ASTM D5185(m)	>30	30	---	---
Plomb	ppm	ASTM D5185(m)	>30	0	---	---
Cuivre	ppm	ASTM D5185(m)	>150	43	---	---
Étain	ppm	ASTM D5185(m)	>5	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

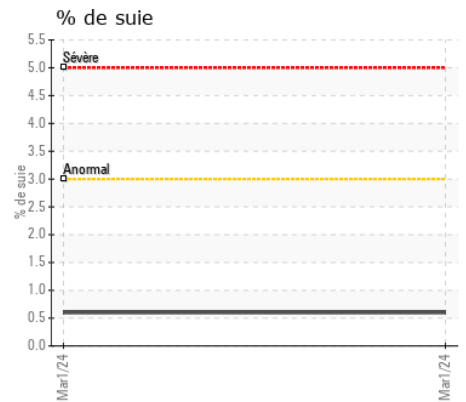
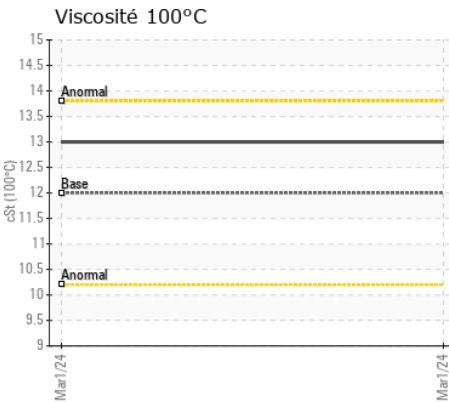
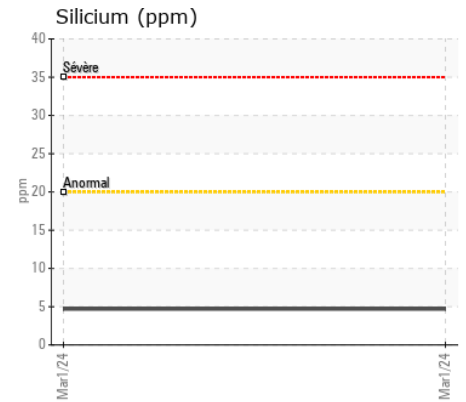
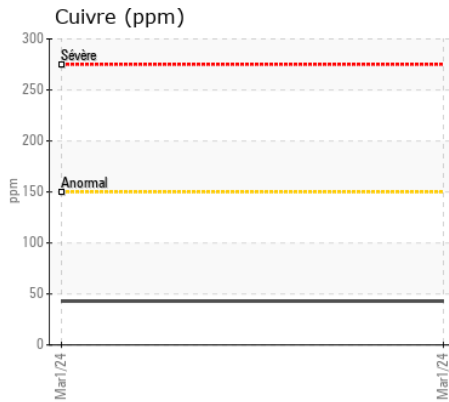
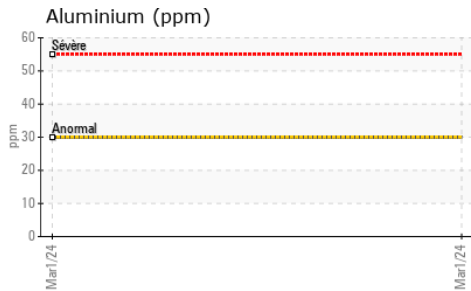
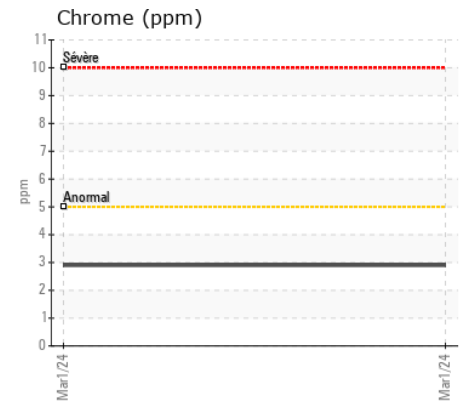
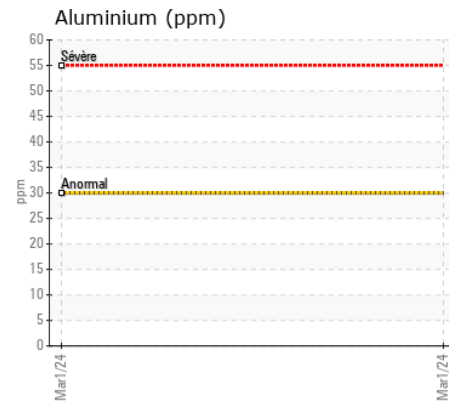
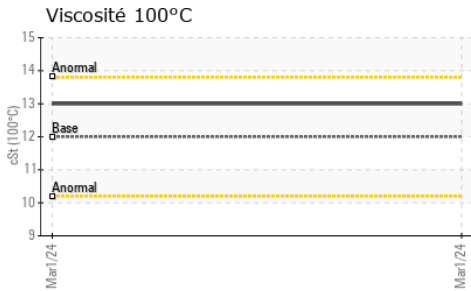
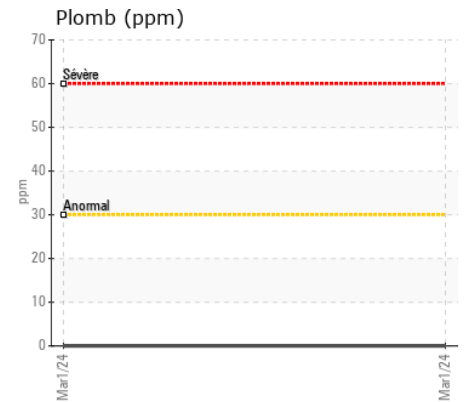
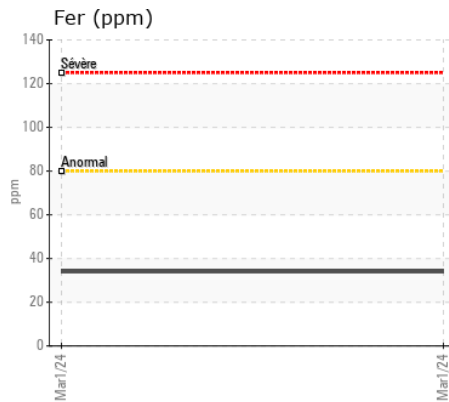
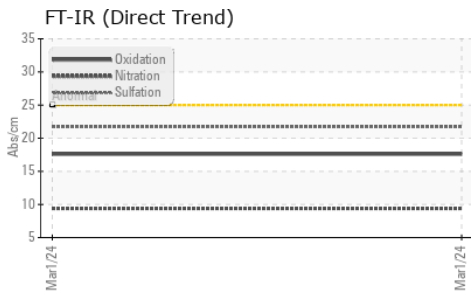
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>20	5	---	---
Potassium	ppm	ASTM D5185(m)	>20	61	---	---
Essence		WC Method	>5	<1.0	---	---
L'eau		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
% de suie	%	ASTM D7844*	>3	0.6	---	---
Nitration	Abs/cm	ASTM D7624*	>20	9.4	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.7	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		3	---	---
Bore	ppm	ASTM D5185(m)	2	5	---	---
Baryum	ppm	ASTM D5185(m)	0	0	---	---
Molybdène	ppm	ASTM D5185(m)	50	63	---	---
Manganèse	ppm	ASTM D5185(m)	0	0	---	---
Magnésium	ppm	ASTM D5185(m)	950	920	---	---
Calcium	ppm	ASTM D5185(m)	1050	1217	---	---
Phosphore	ppm	ASTM D5185(m)	995	919	---	---
Zinc	ppm	ASTM D5185(m)	1180	1171	---	---
Soufre	ppm	ASTM D5185(m)	2600	2000	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.6	---	---
Visc 100°C	cSt	ASTM D7279(m)	12.00	13.0	---	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0909585
N° de laboratoire : 02626949
Numéro unique : 5760081
Analyse : MOB 1

Reçu : 05 Apr 2024
Tested : 05 Apr 2024
Diagnostiqué : 05 Apr 2024 - Wes Davis

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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.*