



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

FREIGHTLINER 4054

Composant

Moteur diesel

Fluid

CHEVRON DELO 400 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		PC0076015	PC0065909	---
Date d'échant.		Client Info		10 Jun 2024	07 Dec 2022	---
Âge d la Machine	kms	Client Info		133661	27405	---
Âge de l'huile	kms	Client Info		35428	27405	---
Âge du filtre	kms	Client Info		35428	27405	---
Huile changée		Client Info		Changed	Changed	---
Filtre changé		Client Info		Changed	Changed	---
Statut de l'échant.				NORMAL	NORMAL	---

USURE

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

Fer	ppm	ASTM D5185(m)	>80	27	39	---
Chrome	ppm	ASTM D5185(m)	>5	2	3	---
Nickel	ppm	ASTM D5185(m)	>2	<1	1	---
Titane	ppm	ASTM D5185(m)		0	<1	---
Argent	ppm	ASTM D5185(m)	>3	<1	<1	---
Aluminium	ppm	ASTM D5185(m)	>30	16	47	---
Plomb	ppm	ASTM D5185(m)	>30	<1	4	---
Cuivre	ppm	ASTM D5185(m)	>150	59	159	---
Étain	ppm	ASTM D5185(m)	>5	<1	6	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

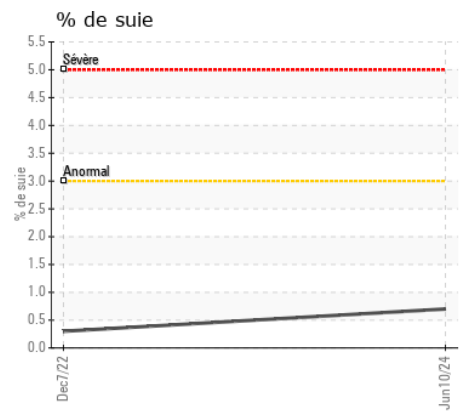
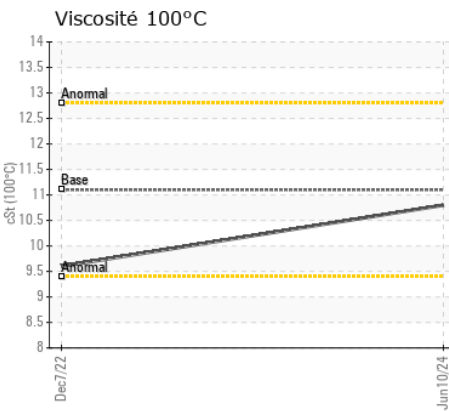
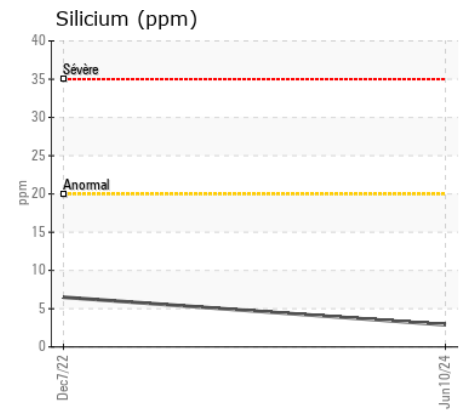
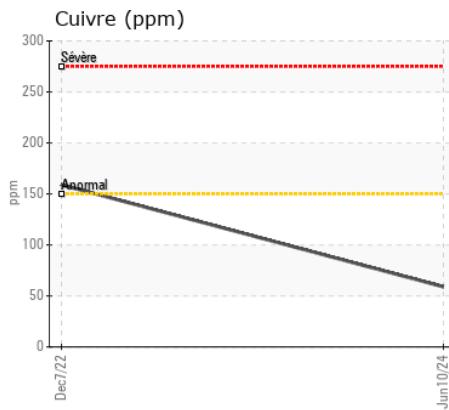
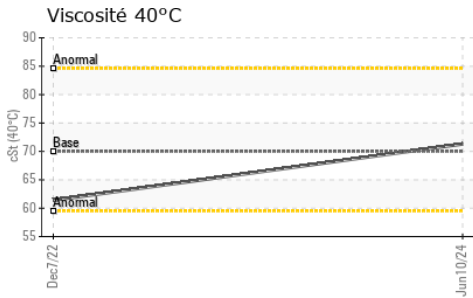
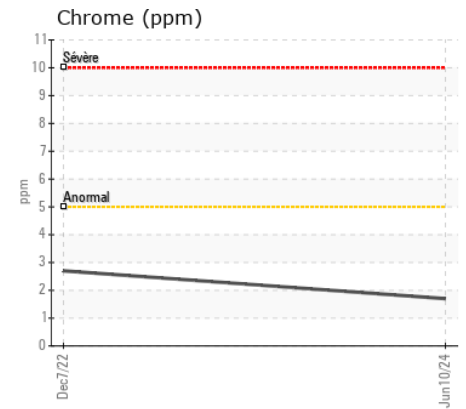
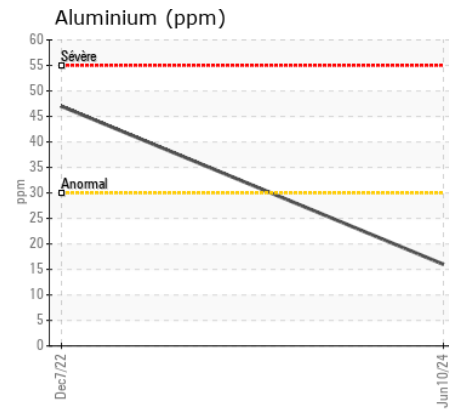
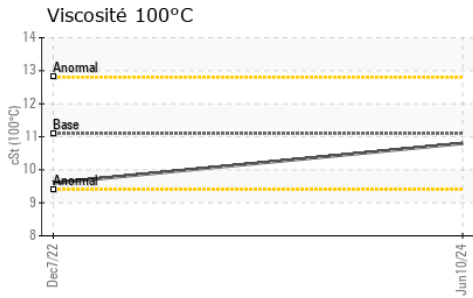
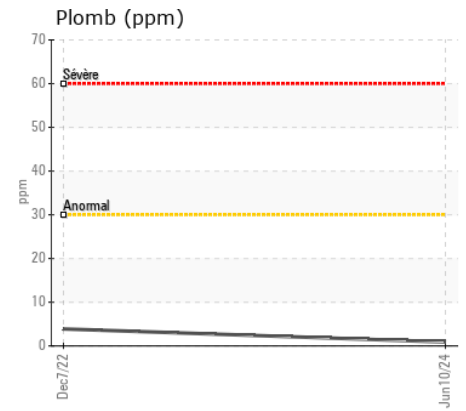
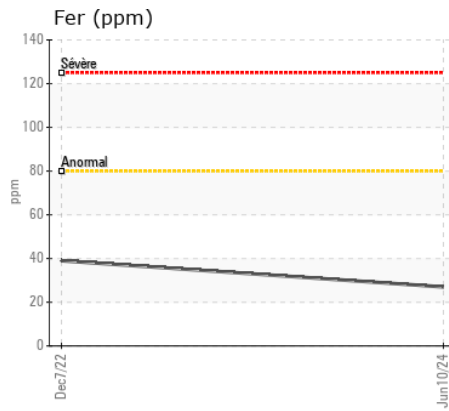
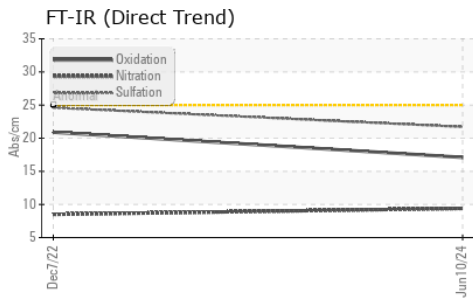
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>20	3	6	---
Potassium	ppm	ASTM D5185(m)	>20	33	125	---
Essence		WC Method	>5	<1.0	0.4	---
L'eau		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>3	0.7	0.3	---
Nitration	Abs/cm	ASTM D7624*	>20	9.4	8.5	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.7	24.6	---
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	6	---
Bore	ppm	ASTM D5185(m)		1	33	---
Baryum	ppm	ASTM D5185(m)		0	0	---
Molybdène	ppm	ASTM D5185(m)		60	45	---
Manganèse	ppm	ASTM D5185(m)		<1	4	---
Magnésium	ppm	ASTM D5185(m)		951	557	---
Calcium	ppm	ASTM D5185(m)		1068	1720	---
Phosphore	ppm	ASTM D5185(m)	1260	912	806	---
Zinc	ppm	ASTM D5185(m)	1400	1178	903	---
Soufre	ppm	ASTM D5185(m)		2046	2026	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.1	20.9	---
Visc 40°C	cSt	ASTM D7279(m)	70	71.3	61.4	---
Visc 100°C	cSt	ASTM D7279(m)	11.1	10.8	9.6	---
Indice de viscosité (VI)	Scale	ASTM D2270*	150	140	138	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0076015 **Reçu** : 24 Jun 2024
N° de laboratoire : 02643660 **Tested** : 24 Jun 2024
Numéro unique : 5801199 **Diagnostiqué** : 24 Jun 2024 - Kevin Marson
Analyse : MOB 1 (Additional Tests: KV40, VI)

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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