



Identité de la machine

FREIGHTLINER 4129

Composant

Moteur diesel

Fluid

CHEVRON DELO 400 SAE 10W30 (--- GAL)

RECOMMANDATION

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0076024	---	---
Date d'échant.		Client Info		07 Jun 2024	---	---
Âge d la Machine	kms	Client Info		66635	---	---
Âge de l'huile	kms	Client Info		31181	---	---
Âge du filtre	kms	Client Info		31181	---	---
Huile changée		Client Info		Changed	---	---
Filtre changé		Client Info		Changed	---	---
Statut de l'échant.				ABNORMAL	---	---

USURE

Usure de la soupape d'échappement. Le niveau d'usure du composant est élevé pour la période de rodage.

Fer	ppm	ASTM D5185(m)	>80	29	---	---
Chrome	ppm	ASTM D5185(m)	>5	1	---	---
Nickel	ppm	ASTM D5185(m)	>2	▲ 9	---	---
Titane	ppm	ASTM D5185(m)		0	---	---
Argent	ppm	ASTM D5185(m)	>3	<1	---	---
Aluminium	ppm	ASTM D5185(m)	>30	8	---	---
Plomb	ppm	ASTM D5185(m)	>30	5	---	---
Cuivre	ppm	ASTM D5185(m)	>150	183	---	---
Étain	ppm	ASTM D5185(m)	>5	2	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Métal blanc	scalar	Visual*	NONE	VLITE	---	---
Bronze	scalar	Visual*	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.

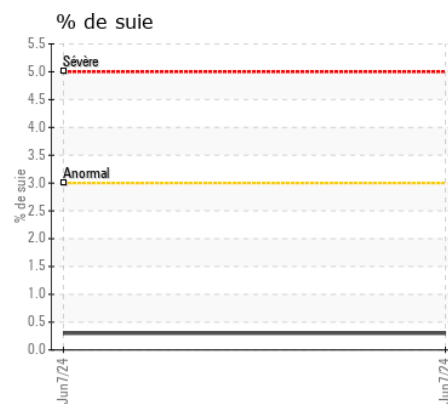
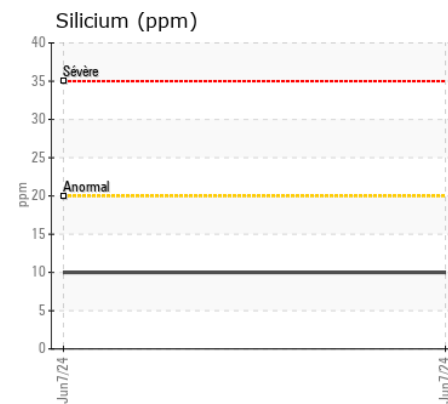
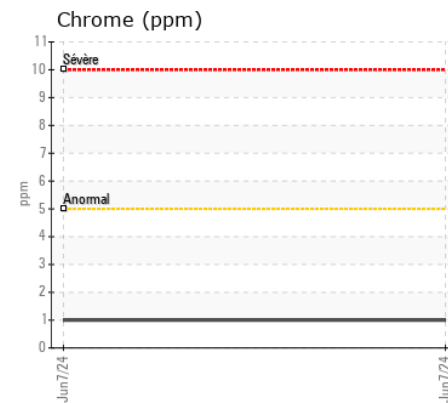
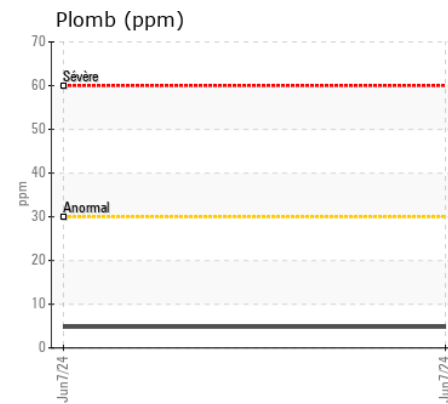
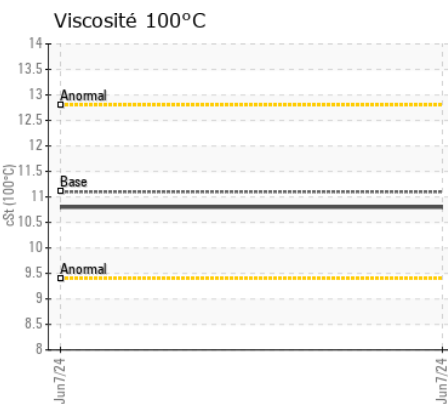
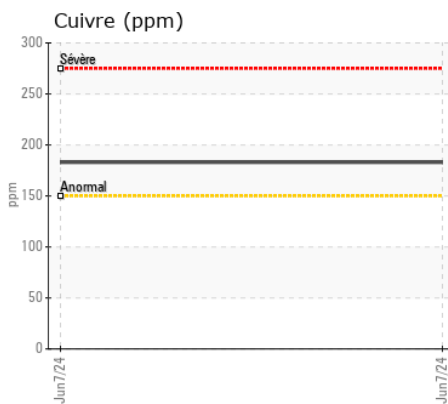
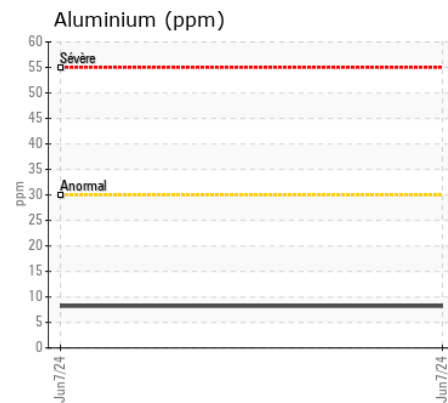
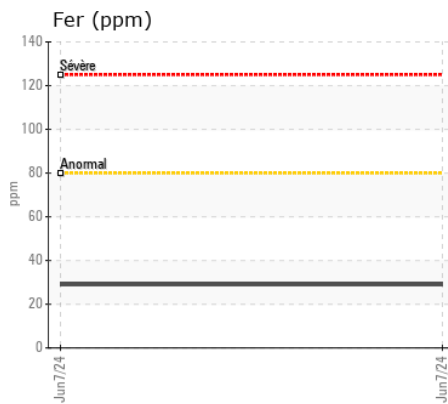
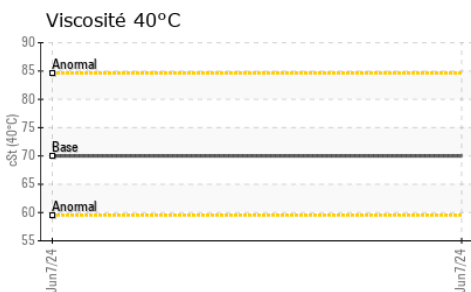
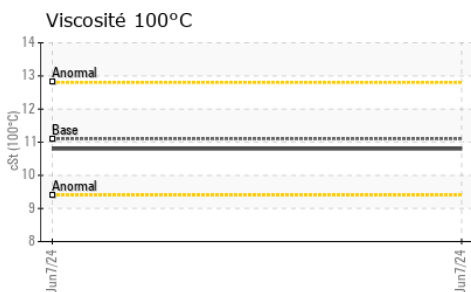
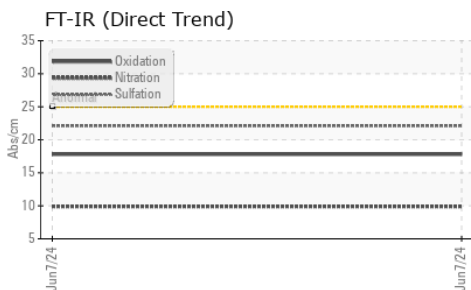
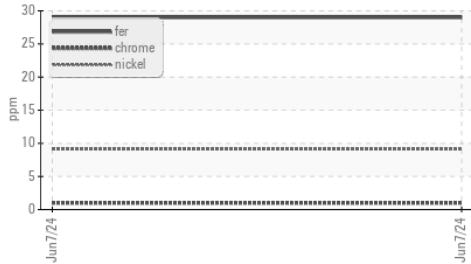
Silicium	ppm	ASTM D5185(m)	>20	10	---	---
Potassium	ppm	ASTM D5185(m)	>20	17	---	---
Essence		WC Method	>5	<1.0	---	---
L'eau		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
% de suie	%	ASTM D7844*	>3	0.3	---	---
Nitration	Abs/cm	ASTM D7624*	>20	9.9	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	22.1	---	---
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Sodium	ppm	ASTM D5185(m)		2	---	---
Bore	ppm	ASTM D5185(m)		7	---	---
Baryum	ppm	ASTM D5185(m)		<1	---	---
Molybdène	ppm	ASTM D5185(m)		65	---	---
Manganèse	ppm	ASTM D5185(m)		1	---	---
Magnésium	ppm	ASTM D5185(m)		884	---	---
Calcium	ppm	ASTM D5185(m)		1093	---	---
Phosphore	ppm	ASTM D5185(m)	1260	832	---	---
Zinc	ppm	ASTM D5185(m)	1400	1086	---	---
Soufre	ppm	ASTM D5185(m)		2053	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.8	---	---
Visc 40°C	cSt	ASTM D7279(m)	70	70.0	---	---
Visc 100°C	cSt	ASTM D7279(m)	11.1	10.8	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*	150	143	---	---

▲ Alliages ferreux



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0076024 **Reçu** : 24 Jun 2024
N° de laboratoire : 02643679 **Tested** : 24 Jun 2024
Numéro unique : 5801218 **Diagnostic** : 24 Jun 2024 - Kevin Marson
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

LOCATION BROSSARD INC
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 DORVAL, QC
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 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.