MOB I LUBE 360™ OIL DIAGNOSTICS

RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine
FREIGHTLINER 4089
Composant
Moteur diesel
Fluid
CHEVRON DELO 400 SAE 10W30 (--- LTR)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

USURE

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

CONTAMINATION

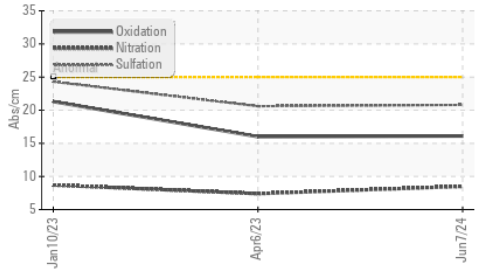
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n`y a aucun indice de contamination dans l'huile.

ÉTAT DU FLUIDE

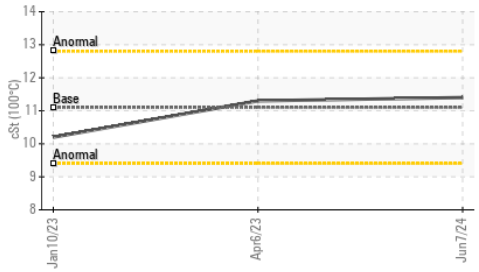
L'état de l'huile est acceptable pour la durée de service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC	PC0072781	PC0067827
Date d'échant.		Client Info		07 Jun 2024	06 Apr 2023	10 Jan 2023
Âge d la Machine	kms	Client Info		110416	43841	31070
Âge de l'huile	kms	Client Info		23745	12771	31070
Âge du filtre	kms	Client Info		23745	12771	31070
Huile changée		Client Info		Changed	Changed	Changed
Filtre changé		Client Info		Changed	Changed	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL
Fer	ppm	ASTM D5185(m)	>80	20	17	37
Chrome	ppm	ASTM D5185(m)	>5	1	1	2
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	1
Titane	ppm	ASTM D5185(m)		0	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<1	<1	<1
Aluminium	ppm	ASTM D5185(m)	>30	5	12	42
Plomb	ppm	ASTM D5185(m)	>30	0	5	4
Cuivre	ppm	ASTM D5185(m)	>150	27	199	207
Étain	ppm	ASTM D5185(m)	>5	0	2	4
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	VLITE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---
Silicium	ppm	ASTM D5185(m)	>20	4	3	6
Potassium	ppm	ASTM D5185(m)	>20	5	24	117
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	0.5	0.2	0.2
Nitration	Abs/cm	ASTM D7624*	>20	8.5	7.4	8.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.8	20.6	24.3
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	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		6	2	5
Bore	ppm	ASTM D5185(m)		4	7	40
Baryum	ppm	ASTM D5185(m)		0	0	<1
Molybdène	ppm	ASTM D5185(m)		58	58	48
Manganèse	ppm	ASTM D5185(m)		<1	1	4
Magnésium	ppm	ASTM D5185(m)		954	913	559
Calcium	ppm	ASTM D5185(m)		1058	1235	1740
Phosphore	ppm	ASTM D5185(m)	1260	984	1056	827
Zinc	ppm	ASTM D5185(m)	1400	1170	1173	911
Soufre	ppm	ASTM D5185(m)		2396	2502	2012
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.1	16.0	21.3
Visc 40°C	cSt	ASTM D7279(m)	70	75.8	74.1	66.7
Visc 100°C	cSt	ASTM D7279(m)	11.1	11.4	11.3	10.2
Indice de viscosité (VI)	Scale	ASTM D2270*	150	142	144	138

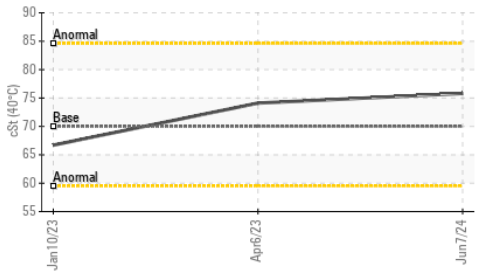
FT-IR (Direct Trend)



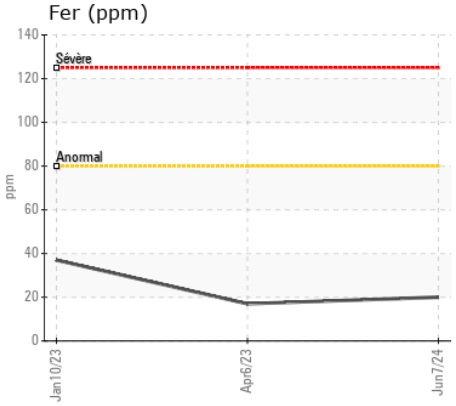
Viscosité 100°C



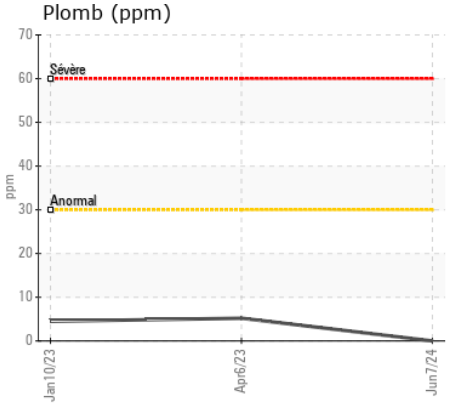
Viscosité 40°C



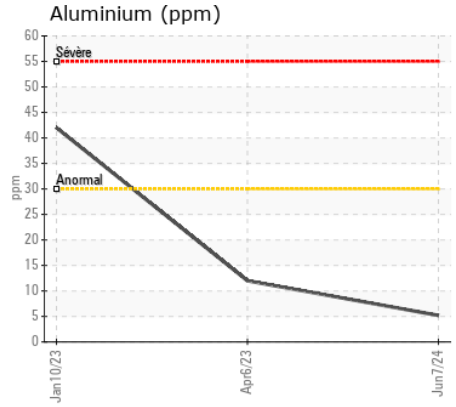
Fer (ppm)



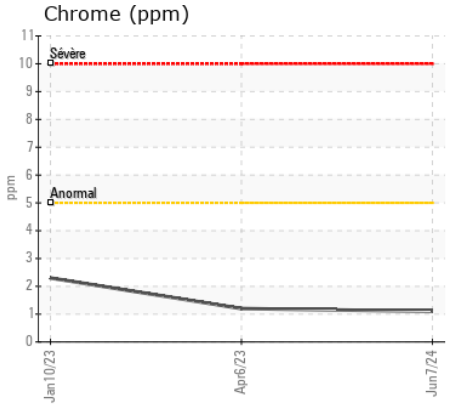
Plomb (ppm)



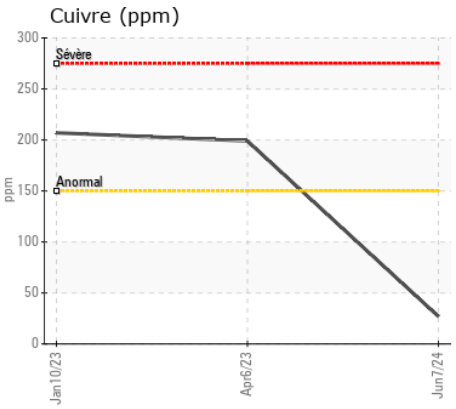
Aluminium (ppm)



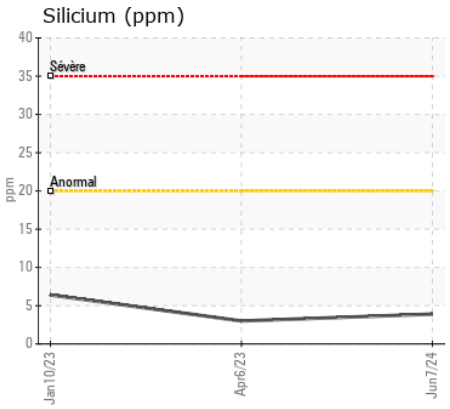
Chrome (ppm)



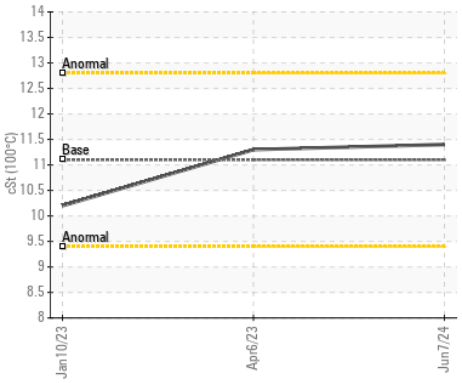
Cuivre (ppm)



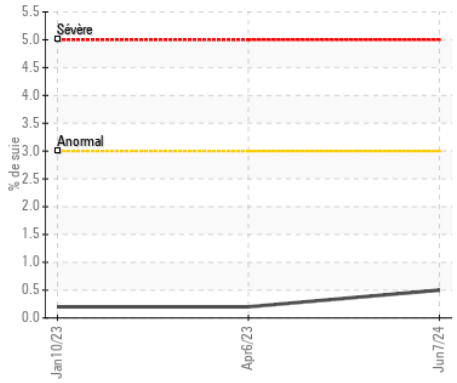
Silicium (ppm)



Viscosité 100°C



% de suie



ISO 17025:2017 Accredited Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Nº d'échantillon : PC
Nº de laboratoire : 02643678
Numéro unique : 5801217
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)
Reçu : 24 Jun 2024
Tested : 24 Jun 2024
Diagnostiqué : 24 Jun 2024 - Wes Davis

Pour discuter cetter 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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