MOBIL LUBE 360 OIL DIAGNOSTICS

RAPPORT D'ANALYSE D'HUILE

USURE	ANORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine
FREIGHTLINER 4097
Composant
Moteur diesel
Fluid
PETRO CANADA DURON SHP 10W30 (--- LTR)

RECOMMENDATION

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.

USURE

Usure de segment.

CONTAMINATION

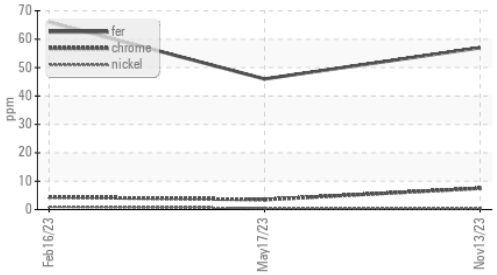
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n`y a aucun indice de contamination dans l`huile.

ÉTAT DU FLUIDE

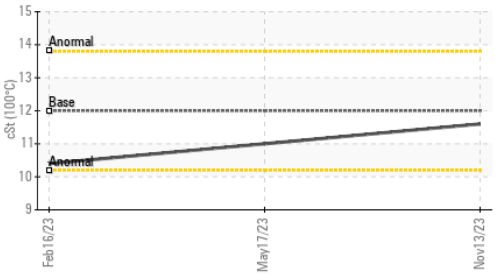
l`huile n'est plus en état de service en raison d'une usure anomale et/ou sévère.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0083212	PC0066408	PC0066147
Date d'échant.		Client Info		13 Nov 2023	17 May 2023	16 Feb 2023
Âge d la Machine	hrs	Client Info		180945	107027	53398
Âge de l'huile	hrs	Client Info		73924	53623	53398
Âge du filtre	hrs	Client Info		73924	53623	53398
Huile changée		Client Info		Changed	Changed	Changed
Filtre changé		Client Info		Changed	Changed	Changed
Statut de l'échant.				ABNORMAL	NORMAL	NORMAL
Fer	ppm	ASTM D5185(m)	>80	57	46	66
Chrome	ppm	ASTM D5185(m)	>5	▲ 8	4	4
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	1
Titane	ppm	ASTM D5185(m)		0	<1	<1
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>30	23	33	61
Plomb	ppm	ASTM D5185(m)	>30	1	2	4
Cuivre	ppm	ASTM D5185(m)	>150	46	99	144
Étain	ppm	ASTM D5185(m)	>5	<1	2	4
Vanadium	ppm	ASTM D5185(m)		0	0	0
Silicium	ppm	ASTM D5185(m)	>20	9	5	8
Potassium	ppm	ASTM D5185(m)	>20	48	63	141
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	1.4	0.7	0.4
Nitration	Abs/cm	ASTM D7624*	>20	11.5	10.3	12.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	25.0	22.5	26.0
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		3	4	6
Bore	ppm	ASTM D5185(m)	2	4	7	28
Baryum	ppm	ASTM D5185(m)	0	0	0	<1
Molybdène	ppm	ASTM D5185(m)	50	61	62	45
Manganèse	ppm	ASTM D5185(m)	0	<1	2	5
Magnésium	ppm	ASTM D5185(m)	950	961	934	555
Calcium	ppm	ASTM D5185(m)	1050	1205	1344	1908
Phosphore	ppm	ASTM D5185(m)	995	948	1031	784
Zinc	ppm	ASTM D5185(m)	1180	1174	1166	872
Soufre	ppm	ASTM D5185(m)	2600	1893	1817	1626
Oxydation	Abs/.1mm	ASTM D7414*	>25	22.0	21.2	27.4
Visc 40°C	cSt	ASTM D7279(m)	80.1	78.6	72.9	68.9
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.6	11.0	10.4
Indice de viscosité (VI)	Scale	ASTM D2270*	144	140	140	137

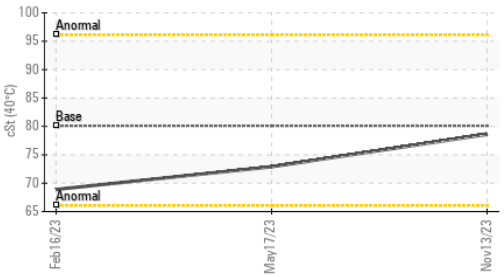
Alliages ferreux



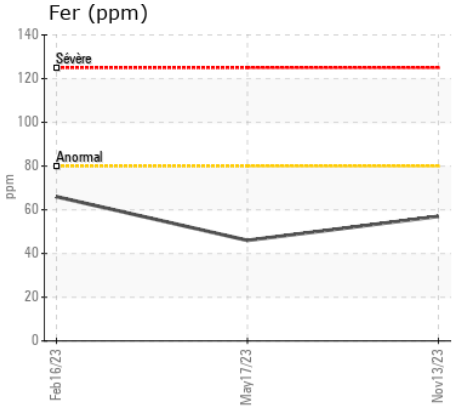
Viscosité 100°C



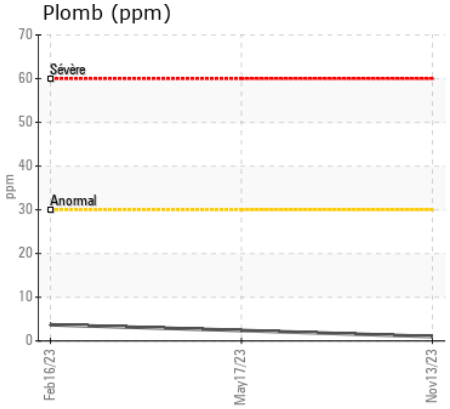
Viscosité 40°C



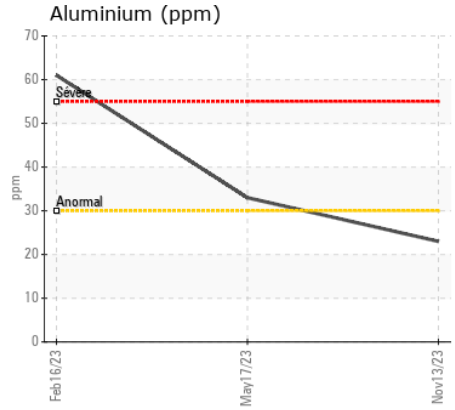
Fer (ppm)



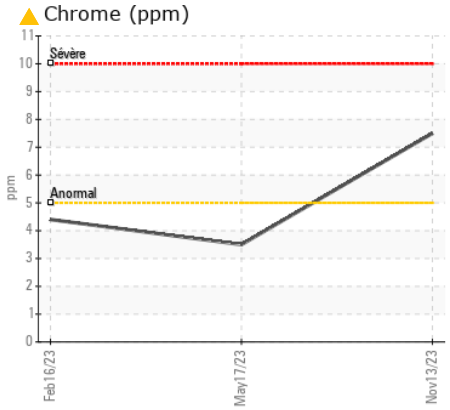
Plomb (ppm)



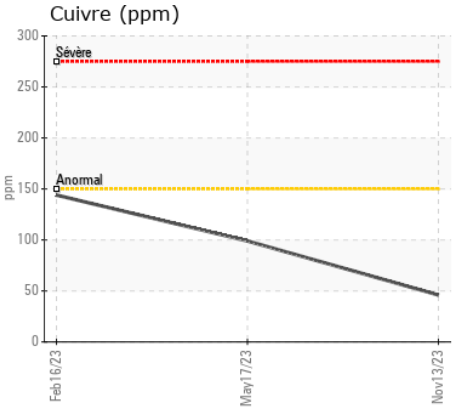
Aluminium (ppm)



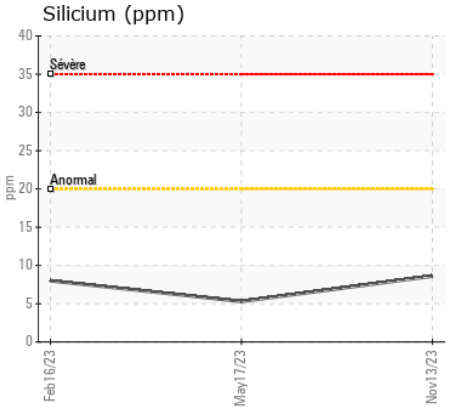
Chrome (ppm)



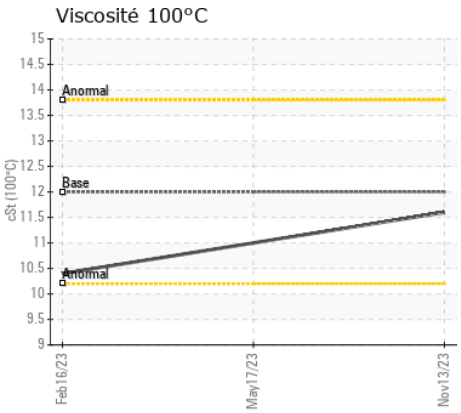
Cuivre (ppm)



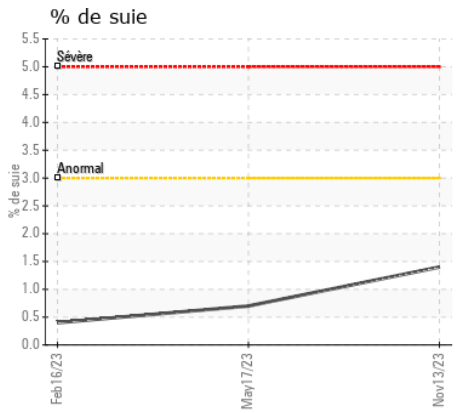
Silicium (ppm)



Viscosité 100°C



% de suie



ISO 17025:2017 Accredited Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Nº d'échantillon : PC0083212 **Reçu** : 16 Jan 2024
Nº de laboratoire : 02608894 **Diagnostiqué** : 16 Jan 2024
Numéro unique : 5709980 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1 (Additional Tests: KV40, VI)

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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