MOBIL LUBE 360 OIL DIAGNOSTICS

RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine
INTERNATIONAL 1037
Composant
Moteur diesel
Fluid
PETRO CANADA DURON SAE 10W30 (26 LTR)

RECOMMENDATION

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

USURE

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

CONTAMINATION

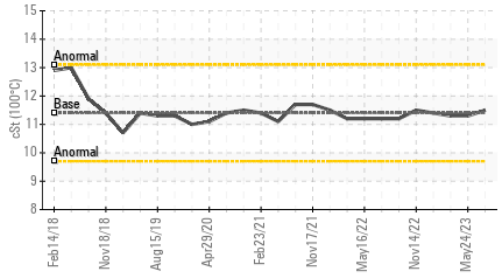
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n`y a aucun indice de contamination dans l'huile.

ÉTAT DU FLUIDE

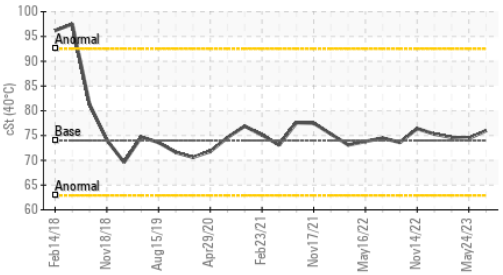
L'état de l'huile est acceptable pour la durée de service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0073162	PC0075400	PC0067693
Date d'échant.		Client Info		04 Oct 2023	24 May 2023	06 Mar 2023
Âge d la Machine	kms	Client Info		326528	316672	311268
Âge de l'huile	kms	Client Info		9856	10271	4867
Âge du filtre	kms	Client Info		9856	10271	4867
Huile changée		Client Info		Not Changd	Changed	Not Changd
Filtre changé		Client Info		Not Changd	Changed	Not Changd
Statut de l'échant.				NORMAL	NORMAL	NORMAL
Fer	ppm	ASTM D5185(m)	>75	18	21	16
Chrome	ppm	ASTM D5185(m)	>5	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	<1
Titane	ppm	ASTM D5185(m)	>2	0	0	<1
Argent	ppm	ASTM D5185(m)	>2	0	<1	0
Aluminium	ppm	ASTM D5185(m)	>15	4	2	2
Plomb	ppm	ASTM D5185(m)	>25	0	0	0
Cuivre	ppm	ASTM D5185(m)	>100	2	1	<1
Étain	ppm	ASTM D5185(m)	>4	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	VLITE	VLITE	---
Bronze	scalar	Visual*	NONE	NONE	NONE	---
Silicium	ppm	ASTM D5185(m)	>25	4	4	4
Potassium	ppm	ASTM D5185(m)	>20	4	2	<1
Essence		WC Method	>3.0	<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*	>6	0.1	0.1	0
Nitration	Abs/cm	ASTM D7624*	>20	7.9	9.1	7.1
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.7	19.4	18.7
Limon	scalar	Visual*	NONE	NONE	NONE	---
Débris	scalar	Visual*	NONE	NONE	NONE	---
Saleté	scalar	Visual*	NONE	NONE	NONE	---
Apparence	scalar	Visual*	NORML	NORML	NORML	---
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		<1	1	1
Bore	ppm	ASTM D5185(m)	1	1	2	2
Baryum	ppm	ASTM D5185(m)	1	0	0	0
Molybdène	ppm	ASTM D5185(m)	1	58	60	59
Manganèse	ppm	ASTM D5185(m)	1	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	10	946	990	960
Calcium	ppm	ASTM D5185(m)	2942	1049	1067	1095
Phosphore	ppm	ASTM D5185(m)	1102	1026	1081	1083
Zinc	ppm	ASTM D5185(m)	1351	1168	1221	1176
Soufre	ppm	ASTM D5185(m)	3903	2706	2650	2695
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.1	15.5	15.1
Visc 40°C	cSt	ASTM D7279(m)	74.0	76.0	74.4	74.6
Visc 100°C	cSt	ASTM D7279(m)	11.4	11.5	11.3	11.3
Indice de viscosité (VI)	Scale	ASTM D2270*	146	143	143	143

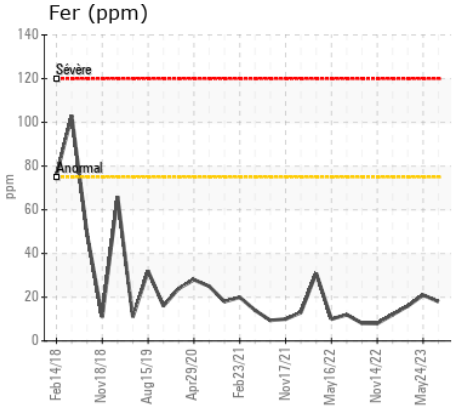
Viscosité 100°C



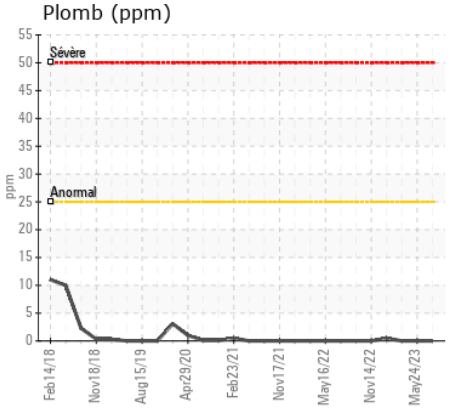
Viscosité 40°C



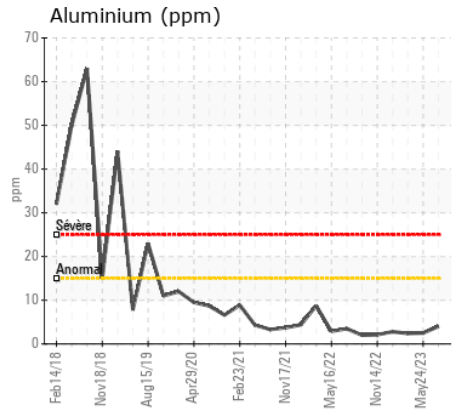
Fer (ppm)



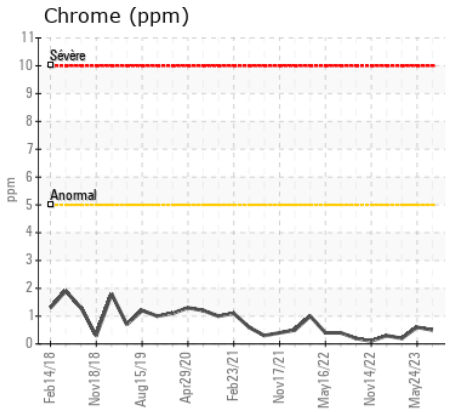
Plomb (ppm)



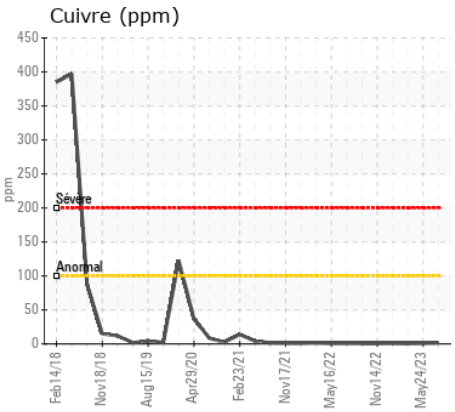
Aluminium (ppm)



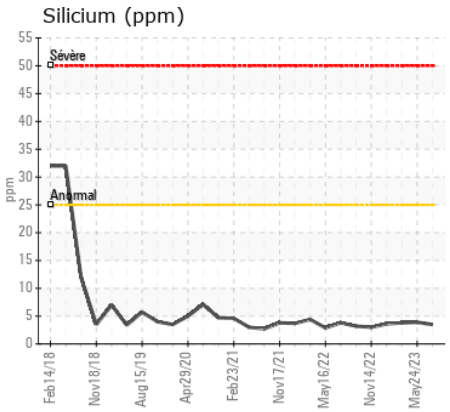
Chrome (ppm)



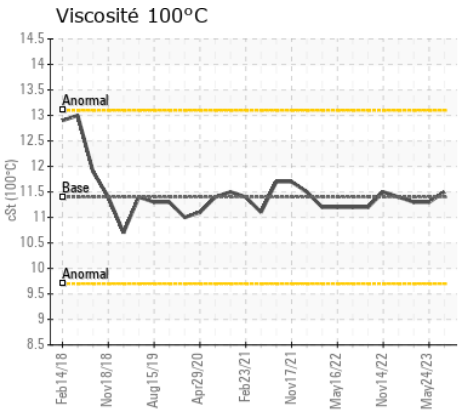
Cuivre (ppm)



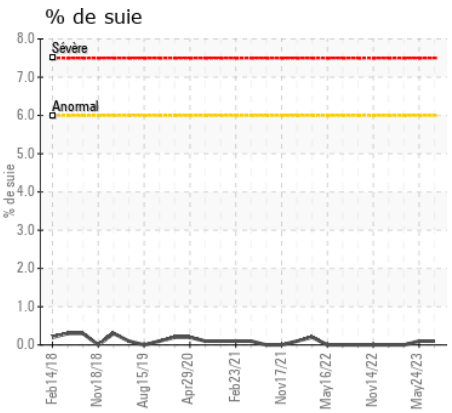
Silicium (ppm)



Viscosité 100°C



% de suie



ISO 17025:2017 Accredited Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Nº d'échantillon : PC0073162 **Reçu** : 12 Jan 2024
Nº de laboratoire : 02608484 **Diagnostiqué** : 15 Jan 2024
Numéro unique : 5709570 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

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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