



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

INTERNATIONAL 1104

Composant

Moteur diesel

Fluid

PETRO CANADA DURON 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		PC0082096	PC0072222	PC0072769
Date d'échant.		Client Info		23 Apr 2024	28 Sep 2023	09 May 2023
Âge d la Machine	kms	Client Info		185402	124373	97249
Âge de l'huile	kms	Client Info		24544	27124	0
Âge du filtre	kms	Client Info		24544	27124	0
Huile changée		Client Info		Not Changd	Not Changd	Changed
Filtre changé		Client Info		Not Changd	Not Changd	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

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

Fer	ppm	ASTM D5185(m)	>100	17	22	21
Chrome	ppm	ASTM D5185(m)	>20	0	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	7	23	15
Plomb	ppm	ASTM D5185(m)	>40	0	0	0
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	<1
Étain	ppm	ASTM D5185(m)	>15	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

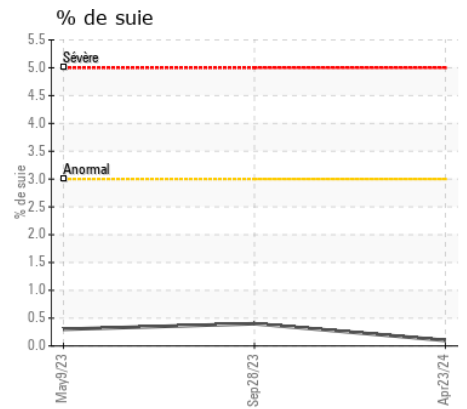
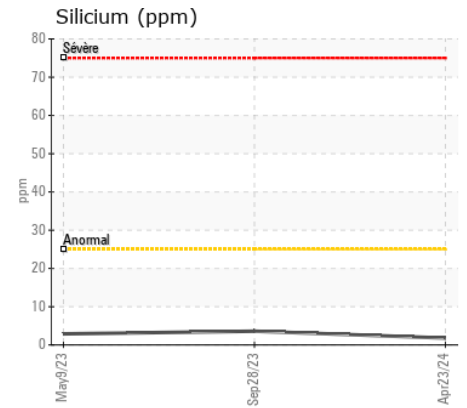
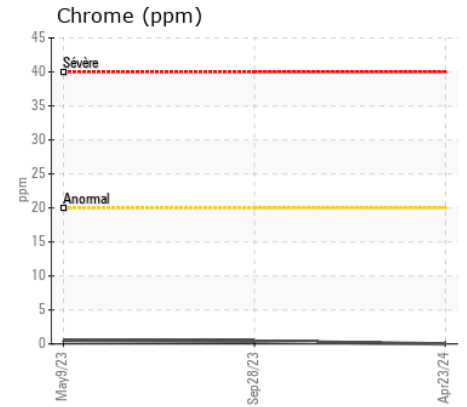
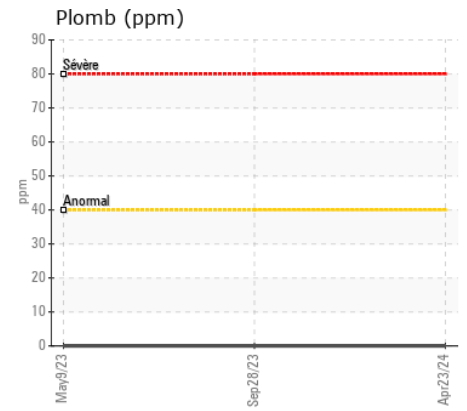
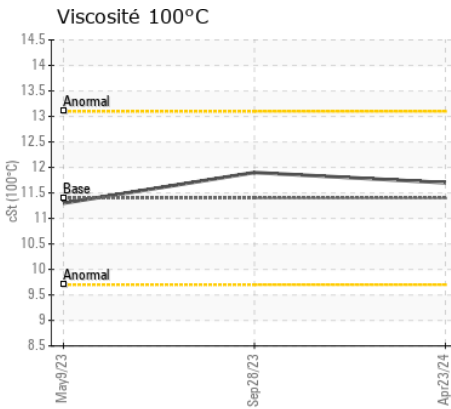
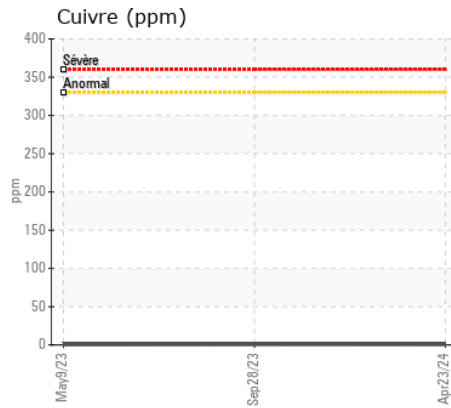
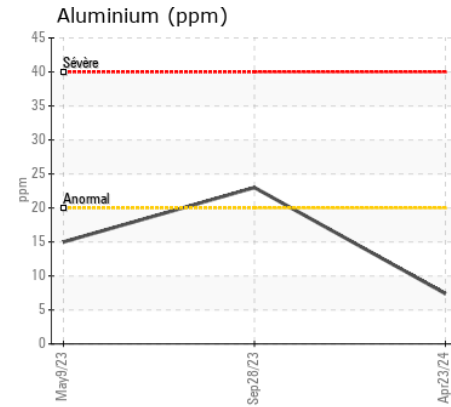
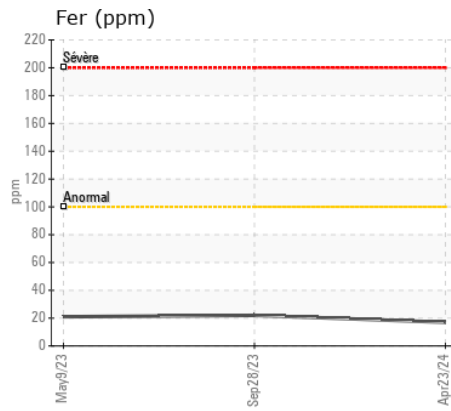
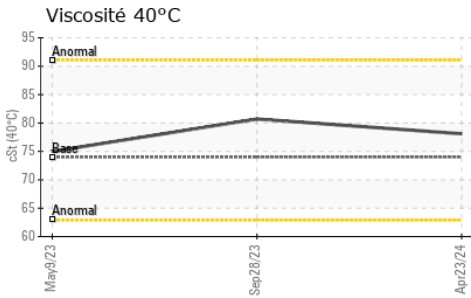
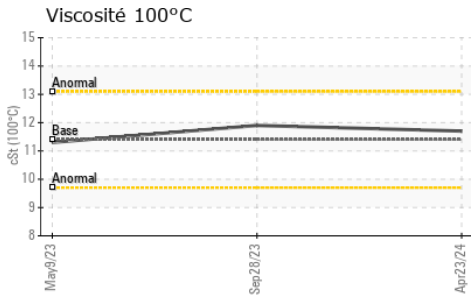
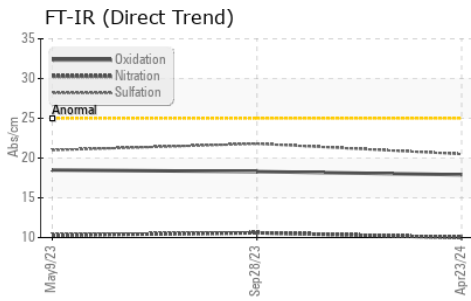
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	2	4	3
Potassium	ppm	ASTM D5185(m)	>20	12	39	21
Essence		WC Method	>2.0	<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*	>3	0.1	0.4	0.3
Nitration	Abs/cm	ASTM D7624*	>20	10.0	10.6	10.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.5	21.8	21.0
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	VLITE	---	---
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

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		2	2	2
Bore	ppm	ASTM D5185(m)	1	1	2	10
Baryum	ppm	ASTM D5185(m)	1	0	0	0
Molybdène	ppm	ASTM D5185(m)	1	61	61	59
Manganèse	ppm	ASTM D5185(m)	1	<1	0	<1
Magnésium	ppm	ASTM D5185(m)	10	1013	989	947
Calcium	ppm	ASTM D5185(m)	2942	1081	1110	1142
Phosphore	ppm	ASTM D5185(m)	1102	1036	1067	1128
Zinc	ppm	ASTM D5185(m)	1351	1233	1226	1235
Soufre	ppm	ASTM D5185(m)	3903	2536	2649	2613
Oxydation	Abs/.1mm	ASTM D7414*	>25	17.9	18.3	18.5
Visc 40°C	cSt	ASTM D7279(m)	74.0	78.1	80.7	75.0
Visc 100°C	cSt	ASTM D7279(m)	11.4	11.7	11.9	11.3
Indice de viscosité (VI)	Scale	ASTM D2270*	146	143	141	142



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0082096
N° de laboratoire : 02641918
Numéro unique : 5799457
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

Reçu : 14 Jun 2024
Tested : 14 Jun 2024
Diagnostiqué : 14 Jun 2024 - Wes Davis

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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.