



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

INTERNATIONAL 351

Composant

Moteur diesel

Fluide

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		PC0072801	PC0072764	PC0067734
Date d'échant.		Client Info		13 Jul 2023	15 May 2023	23 Mar 2023
Âge d la Machine	kms	Client Info		201619	183287	161319
Âge de l'huile	kms	Client Info		40597	21968	80196
Âge du filtre	kms	Client Info		40597	21968	80196
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	18	11	42
Chrome	ppm	ASTM D5185(m)	>20	2	1	3
Nickel	ppm	ASTM D5185(m)	>4	1	<1	2
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	<1	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	6	4	19
Plomb	ppm	ASTM D5185(m)	>40	2	<1	4
Cuivre	ppm	ASTM D5185(m)	>330	2	1	7
Étain	ppm	ASTM D5185(m)	>15	<1	<1	2
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	LIGHT	---
Bronze	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

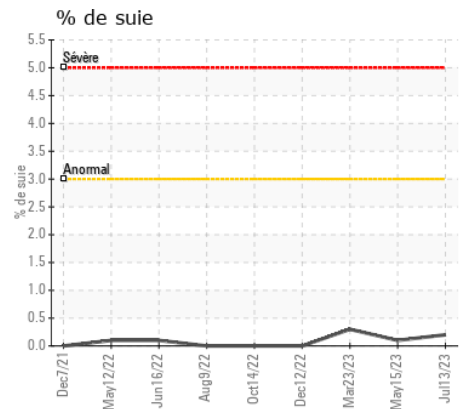
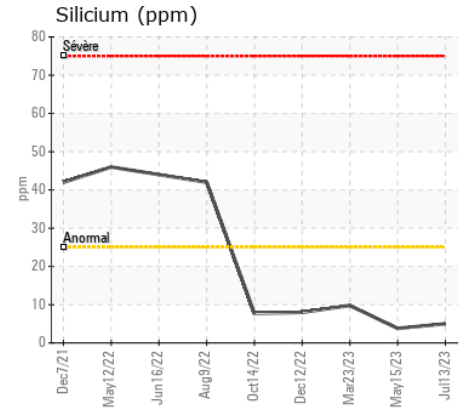
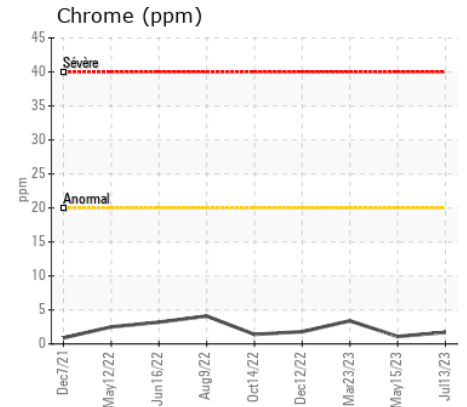
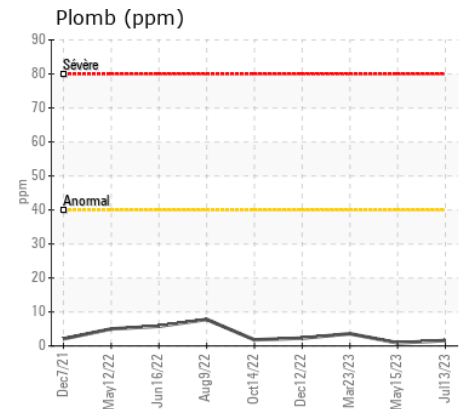
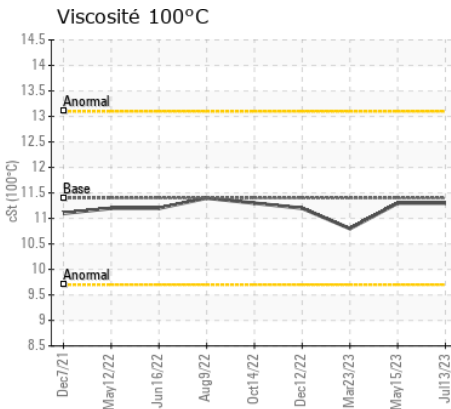
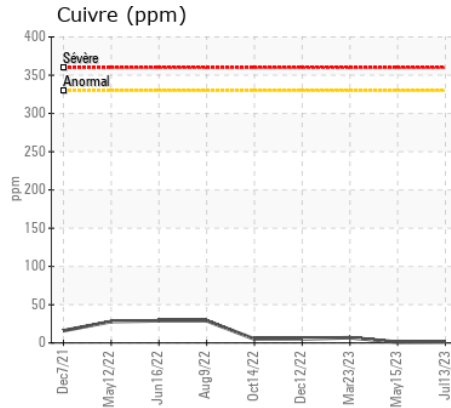
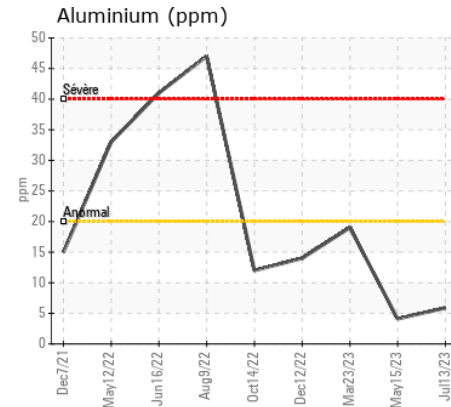
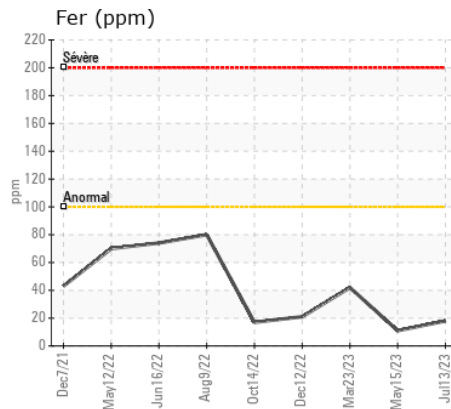
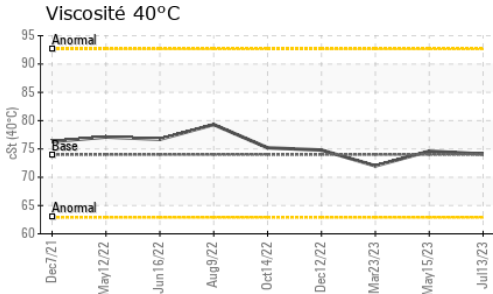
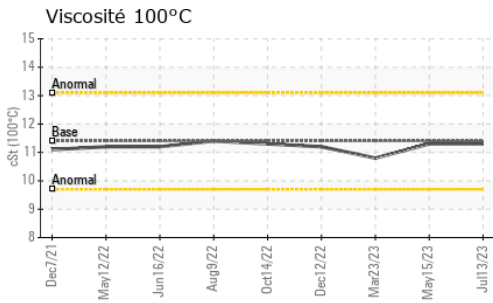
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	5	4	10
Potassium	ppm	ASTM D5185(m)	>20	13	7	50
Essence		WC Method	>2.0	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.2	0.1	0.3
Nitration	Abs/cm	ASTM D7624*	>20	8.5	6.4	9.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.6	18.4	22.1
Limon	scalar	Visual*	NONE	VLITE	NONE	---
Débris	scalar	Visual*	NONE	VLITE	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

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		2	2	6
Bore	ppm	ASTM D5185(m)	1	2	2	3
Baryum	ppm	ASTM D5185(m)	1	0	0	<1
Molybdène	ppm	ASTM D5185(m)	1	59	59	62
Manganèse	ppm	ASTM D5185(m)	1	<1	<1	2
Magnésium	ppm	ASTM D5185(m)	10	987	984	937
Calcium	ppm	ASTM D5185(m)	2942	1057	1049	1219
Phosphore	ppm	ASTM D5185(m)	1102	1046	1098	1057
Zinc	ppm	ASTM D5185(m)	1351	1205	1185	1204
Soufre	ppm	ASTM D5185(m)	3903	2487	2585	2378
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.6	14.2	18.6
Visc 40°C	cSt	ASTM D7279(m)	74.0	74.1	74.6	72.0
Visc 100°C	cSt	ASTM D7279(m)	11.4	11.3	11.3	10.8
Indice de viscosité (VI)	Scale	ASTM D2270*	146	144	143	138



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0072801 **Reçu** : 22 Aug 2023
N° de laboratoire : 02577362 **Diagnostiqué** : 22 Aug 2023
Numéro unique : 5630422 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

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.

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