



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

INTERNATIONAL 343

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		PC0082556	PC0067732	PC0067191
Date d'échant.		Client Info		02 Nov 2023	14 Mar 2023	07 Dec 2022
Âge d la Machine	kms	Client Info		358003	266726	231996
Âge de l'huile	kms	Client Info		17557	54423	9695
Âge du filtre	kms	Client Info		17557	54423	9695
Huile changée		Client Info		Not Chngd	Changed	Not Chngd
Filtre changé		Client Info		Not Chngd	Changed	Not Chngd
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

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

Fer	ppm	ASTM D5185(m)	>100	9	21	8
Chrome	ppm	ASTM D5185(m)	>20	1	1	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	0
Titane	ppm	ASTM D5185(m)		0	<1	<1
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	9	5	3
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	0
Cuivre	ppm	ASTM D5185(m)	>330	2	5	3
Étain	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	LIGHT	VLITE	NONE
Bronze	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

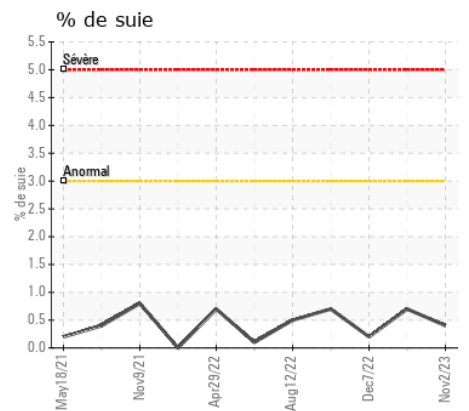
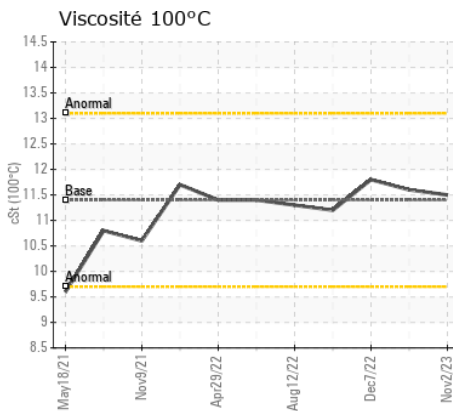
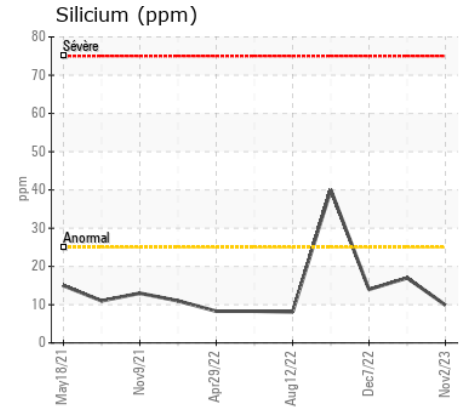
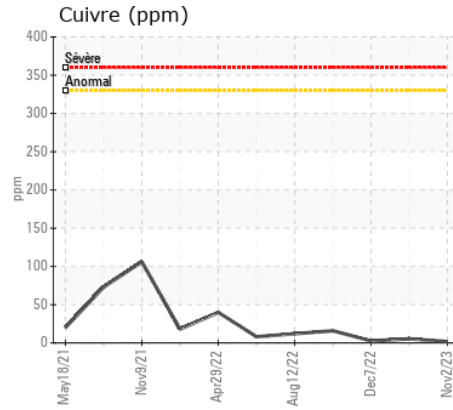
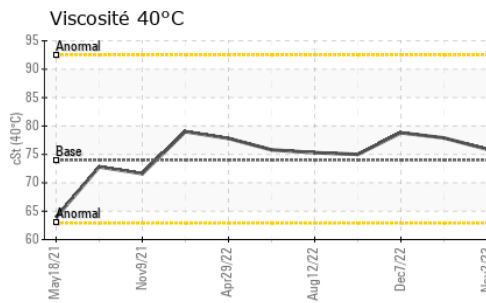
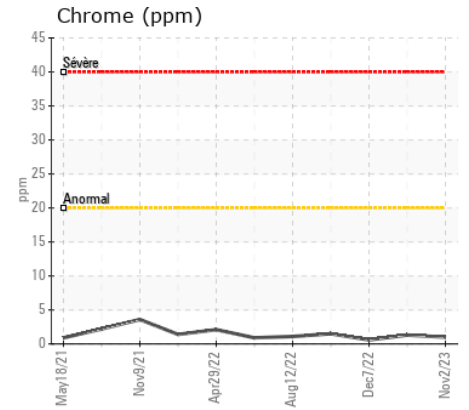
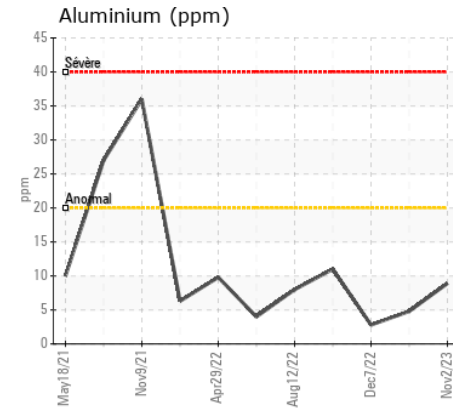
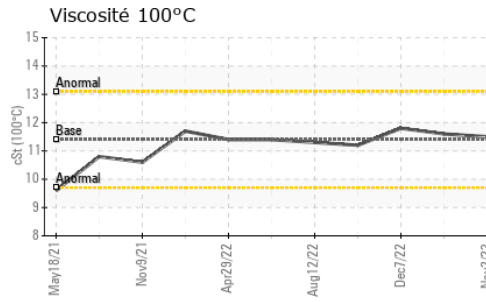
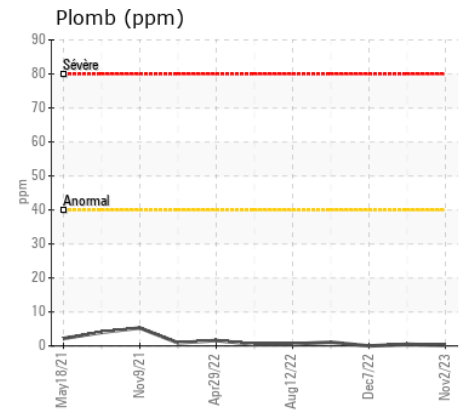
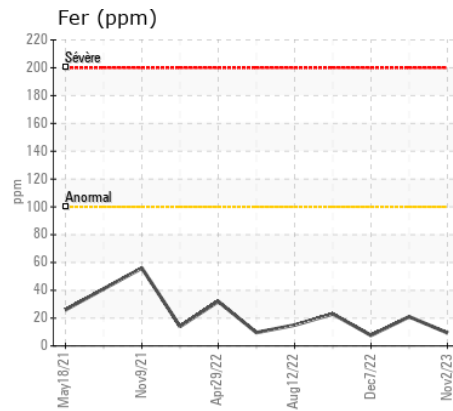
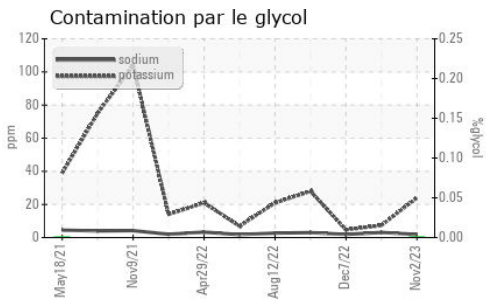
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	10	17	14
Potassium	ppm	ASTM D5185(m)	>20	24	7	5
Essence		WC Method	>2.0	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol	%	ASTM D7922*		0.0	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.4	0.7	0.2
Nitration	Abs/cm	ASTM D7624*	>20	6.4	8.9	6.4
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.5	20.7	20.2
Limon	scalar	Visual*	NONE	NONE	NONE	NONE
Débris	scalar	Visual*	NONE	NONE	NONE	NONE
Saleté	scalar	Visual*	NONE	NONE	NONE	NONE
Apparence	scalar	Visual*	NORML	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	3	2
Bore	ppm	ASTM D5185(m)	1	1	1	2
Baryum	ppm	ASTM D5185(m)	1	0	0	0
Molybdène	ppm	ASTM D5185(m)	1	60	63	59
Manganèse	ppm	ASTM D5185(m)	1	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	10	961	986	953
Calcium	ppm	ASTM D5185(m)	2942	1108	1170	1122
Phosphore	ppm	ASTM D5185(m)	1102	1035	1109	1085
Zinc	ppm	ASTM D5185(m)	1351	1171	1229	1178
Soufre	ppm	ASTM D5185(m)	3903	2737	2597	2645
Oxydation	Abs/.1mm	ASTM D7414*	>25	13.1	15.5	13.7
Visc 40°C	cSt	ASTM D7279(m)	74.0	75.9	77.9	78.8
Visc 100°C	cSt	ASTM D7279(m)	11.4	11.5	11.6	11.8
Indice de viscosité (VI)	Scale	ASTM D2270*	146	144	141	143



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0082556 **Reçu** : 12 Jan 2024
N° de laboratoire : 02608464 **Diagnostiqué** : 15 Jan 2024
Numéro unique : 5709550 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: Glycol, 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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