



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

INTERNATIONAL 319

Composant

Moteur diesel

Fluid

PETRO CANADA DURON SAE 10W30 (45 LTR)

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		PC0081843	PC0066838	PC0066923
Date d'échant.		Client Info		04 Dec 2023	28 Feb 2023	25 Jan 2023
Âge d la Machine	kms	Client Info		484507	452359	450708
Âge de l'huile	kms	Client Info		32148	58748	59097
Âge du filtre	kms	Client Info		32148	58748	59097
Huile changée		Client Info		Not Changd	N/A	Not Changd
Filtre changé		Client Info		Not Changd	N/A	Not Changd
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

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

Fer	ppm	ASTM D5185(m)	>165	46	70	68
Chrome	ppm	ASTM D5185(m)	>5	<1	1	1
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titane	ppm	ASTM D5185(m)	>2	0	<1	<1
Argent	ppm	ASTM D5185(m)	>2	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	3	4	4
Plomb	ppm	ASTM D5185(m)	>150	3	6	6
Cuivre	ppm	ASTM D5185(m)	>90	1	2	2
Étain	ppm	ASTM D5185(m)	>5	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

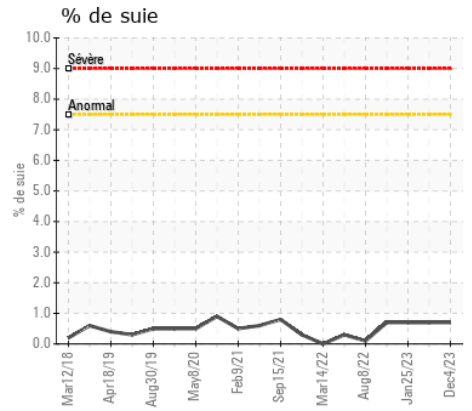
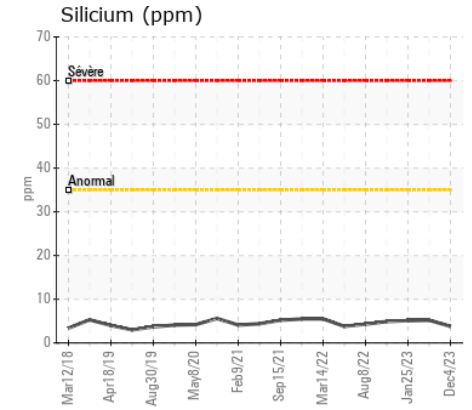
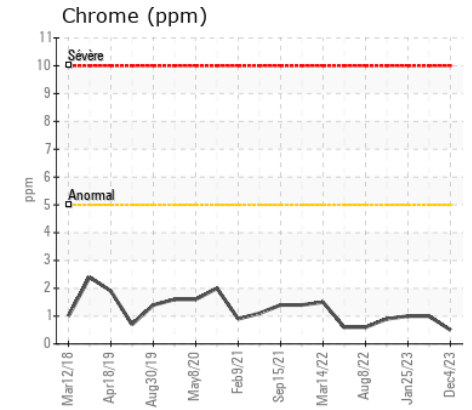
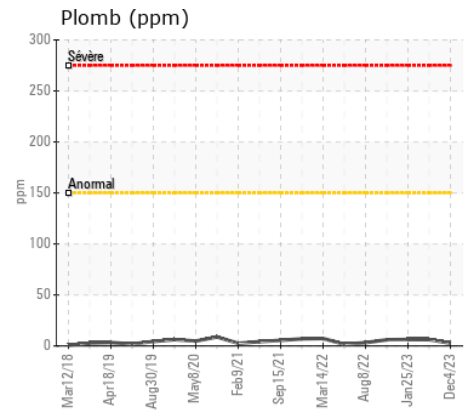
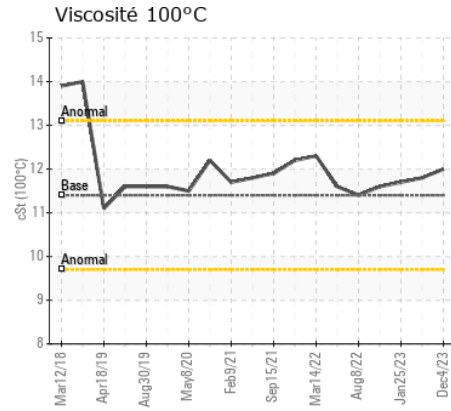
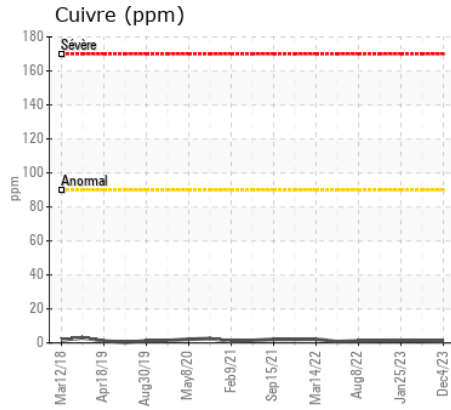
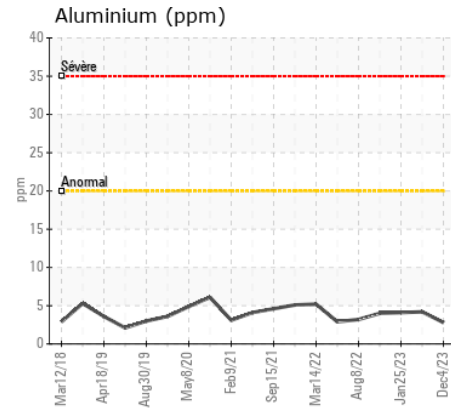
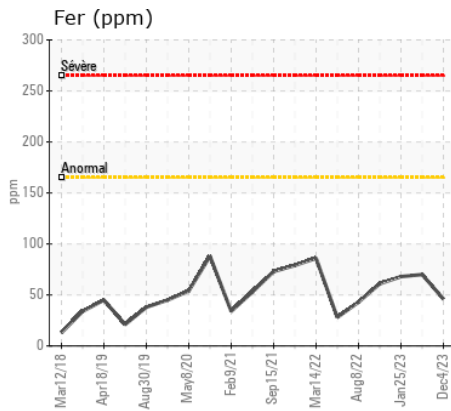
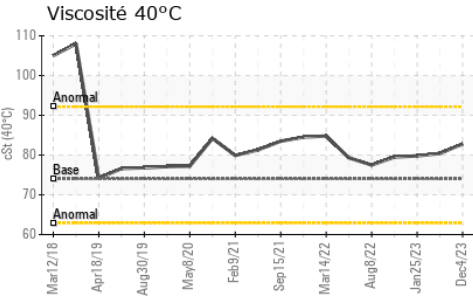
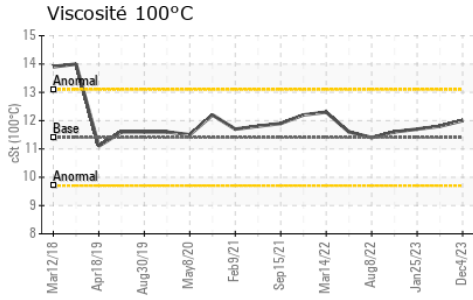
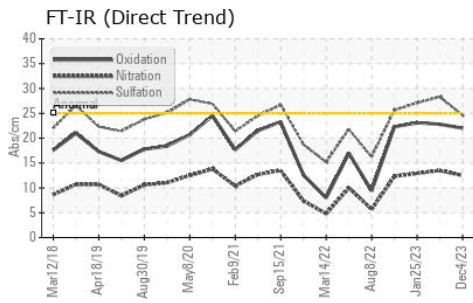
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>35	4	5	5
Potassium	ppm	ASTM D5185(m)	>20	<1	0	<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*	>7.5	0.7	0.7	0.7
Nitration	Abs/cm	ASTM D7624*	>20	12.5	13.5	12.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	24.6	28.3	27.1
Limon	scalar	Visual*	NONE	VLITE	---	---
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	3	3
Bore	ppm	ASTM D5185(m)	1	2	6	6
Baryum	ppm	ASTM D5185(m)	1	0	0	0
Molybdène	ppm	ASTM D5185(m)	1	66	67	66
Manganèse	ppm	ASTM D5185(m)	1	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	10	1056	1052	1030
Calcium	ppm	ASTM D5185(m)	2942	1158	1238	1236
Phosphore	ppm	ASTM D5185(m)	1102	1069	1175	1185
Zinc	ppm	ASTM D5185(m)	1351	1282	1325	1323
Soufre	ppm	ASTM D5185(m)	3903	2428	2537	2538
Oxydation	Abs/.1mm	ASTM D7414*	>25	22.0	22.8	23.1
Visc 40°C	cSt	ASTM D7279(m)	74.0	82.8	80.4	79.8
Visc 100°C	cSt	ASTM D7279(m)	11.4	12.0	11.8	11.7
Indice de viscosité (VI)	Scale	ASTM D2270*	146	139	140	139



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0081843
N° de laboratoire : 02626878
Numéro unique : 5760010
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

Reçu : 05 Apr 2024
Tested : 05 Apr 2024
Diagnostiqué : 05 Apr 2024 - Wes Davis

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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