



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

INTERNATIONAL 355

Composant

Moteur diesel

Fluid

PETRO CANADA DURON SHP 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		PC0082466	PC0067728	PC0066932
Date d'échant.		Client Info		24 Jan 2024	15 Mar 2023	18 Jan 2023
Âge d la Machine	kms	Client Info		126824	60477	41333
Âge de l'huile	kms	Client Info		66352	6477	41333
Âge du filtre	kms	Client Info		66352	6477	41333
Huile changée		Client Info		Changed	Changed	Not Changd
Filtre changé		Client Info		Changed	Changed	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)	>100	57	62	45
Chrome	ppm	ASTM D5185(m)	>20	4	2	2
Nickel	ppm	ASTM D5185(m)	>4	<1	1	<1
Titane	ppm	ASTM D5185(m)		0	<1	<1
Argent	ppm	ASTM D5185(m)	>3	0	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	65	50	39
Plomb	ppm	ASTM D5185(m)	>40	4	5	4
Cuivre	ppm	ASTM D5185(m)	>330	8	19	16
Étain	ppm	ASTM D5185(m)	>15	2	4	2
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	VLITE	NONE
Bronze	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

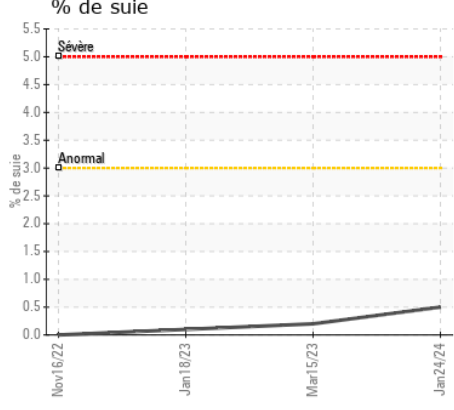
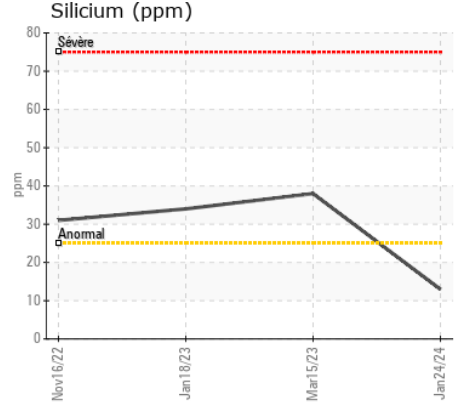
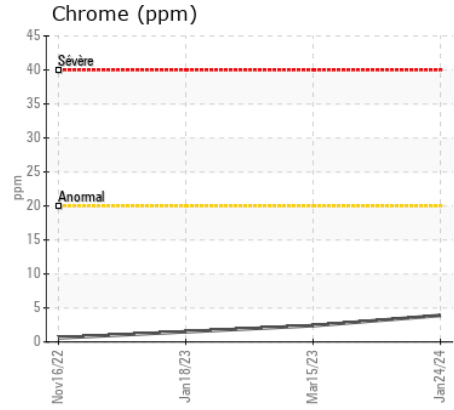
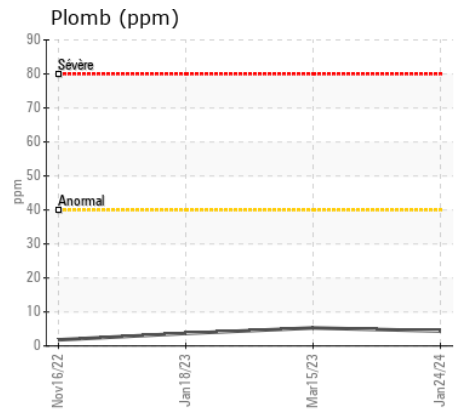
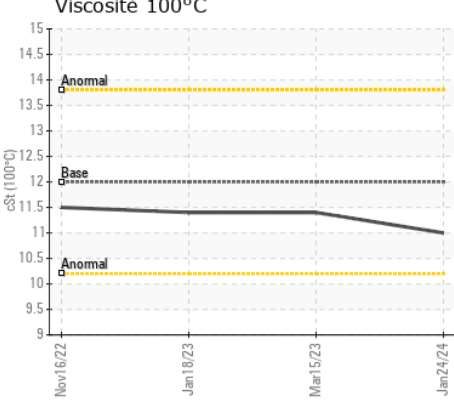
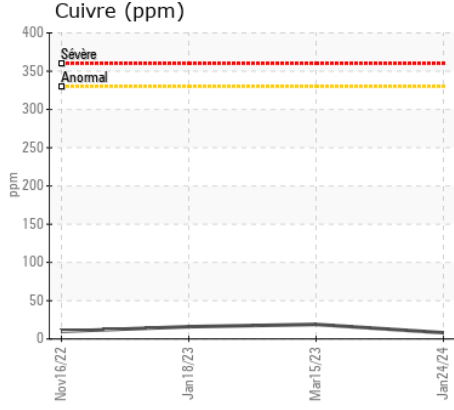
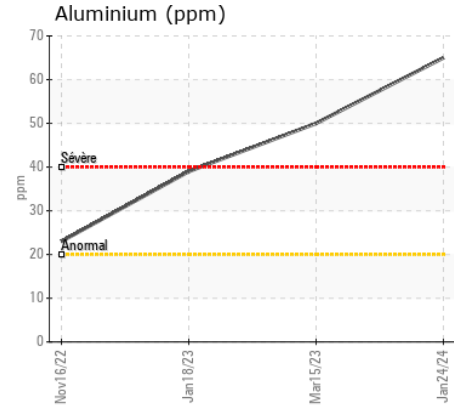
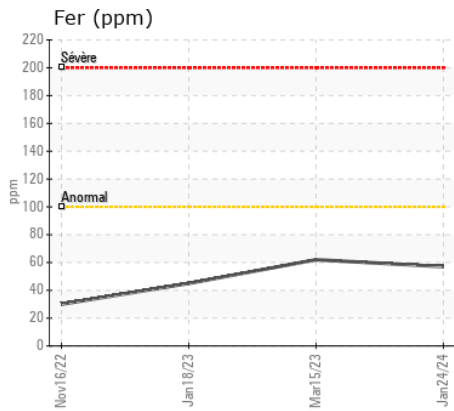
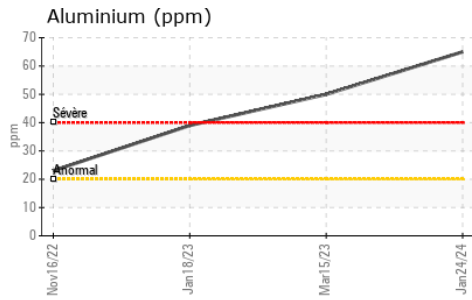
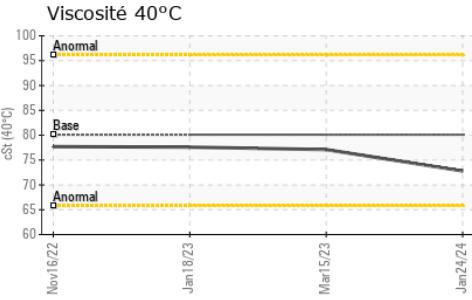
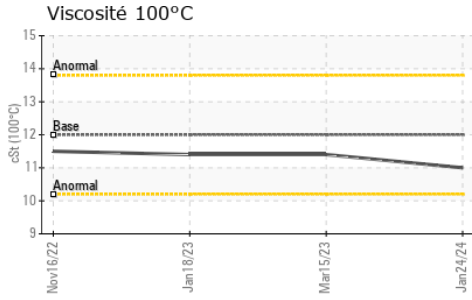
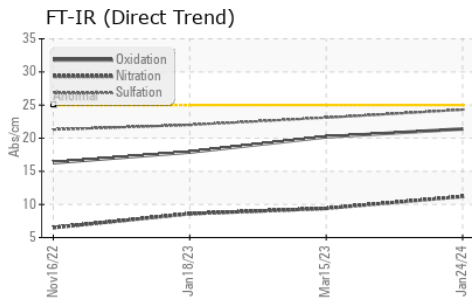
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>25	13	38	34
Potassium	ppm	ASTM D5185(m)	>20	162	149	123
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	0.5	0.2	0.1
Nitration	Abs/cm	ASTM D7624*	>20	11.2	9.4	8.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	24.3	23.1	22.0
Limon	scalar	Visual*	NONE	NONE	NONE	NONE
Débris	scalar	Visual*	NONE	VLITE	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)		3	5	4
Bore	ppm	ASTM D5185(m)	2	4	45	62
Baryum	ppm	ASTM D5185(m)	0	<1	5	5
Molybdène	ppm	ASTM D5185(m)	50	62	63	61
Manganèse	ppm	ASTM D5185(m)	0	<1	6	6
Magnésium	ppm	ASTM D5185(m)	950	939	459	447
Calcium	ppm	ASTM D5185(m)	1050	1143	1855	1732
Phosphore	ppm	ASTM D5185(m)	995	953	1046	1040
Zinc	ppm	ASTM D5185(m)	1180	1216	1193	1178
Soufre	ppm	ASTM D5185(m)	2600	2273	2559	2655
Oxydation	Abs/.1mm	ASTM D7414*	>25	21.4	20.2	17.9
Visc 40°C	cSt	ASTM D7279(m)	80.1	72.8	77.1	77.6
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.0	11.4	11.4
Indice de viscosité (VI)	Scale	ASTM D2270*	144	141	139	138



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0082466
N° de laboratoire : 02627189
Numéro unique : 5760321
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

Reçu : 08 Apr 2024
Tested : 08 Apr 2024
Diagnostiqué : 08 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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