



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

INTERNATIONAL 52882

Composant

Moteur diesel

Fluide

PETRO CANADA DURON SAE 10W30 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0813030	WC0787347	WC0787325
Date d'échant.		Client Info		30 Jun 2023	20 Apr 2023	10 Feb 2023
Âge d la Machine	mls	Client Info		172081	143258	115080
Âge de l'huile	mls	Client Info		29012	28178	30553
Âge du filtre	mls	Client Info		29012	28178	30553
Huile changée		Client Info		Changed	Changed	Changed
Filtre changé		Client Info		Changed	Changed	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>127	16	18	25
Chrome	ppm	ASTM D5185(m)	>3	1	1	2
Nickel	ppm	ASTM D5185(m)	>30	<1	<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)	>59	5	6	11
Plomb	ppm	ASTM D5185(m)	>29	<1	<1	<1
Cuivre	ppm	ASTM D5185(m)	>135	3	10	4
Étain	ppm	ASTM D5185(m)	>2	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	VLITE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

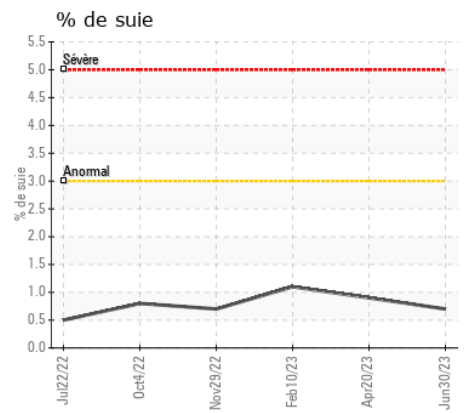
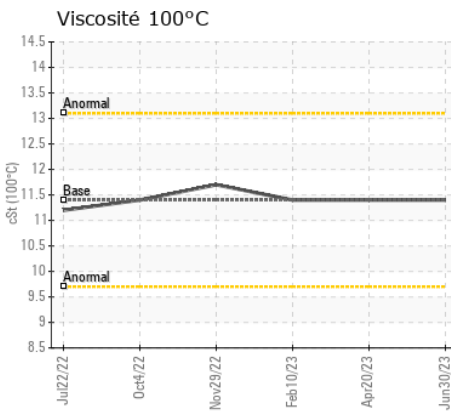
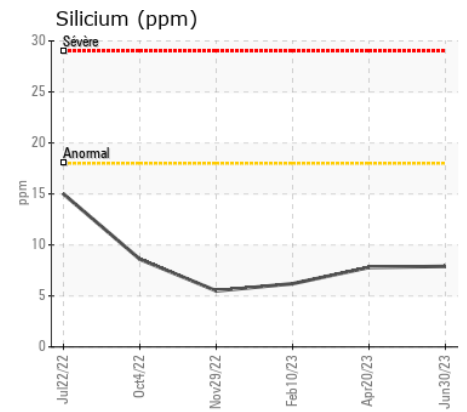
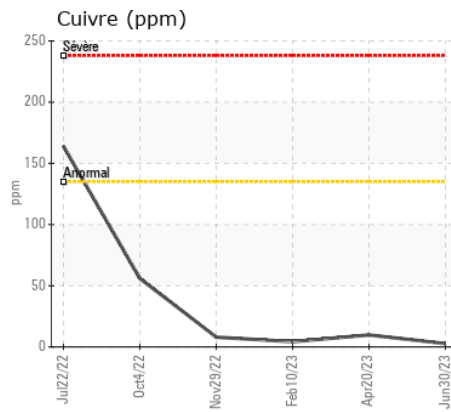
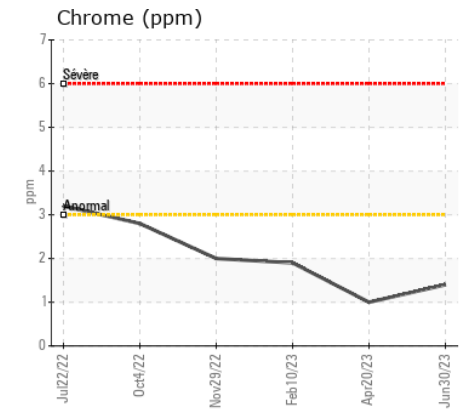
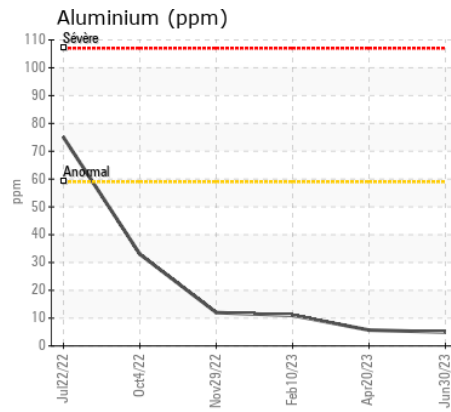
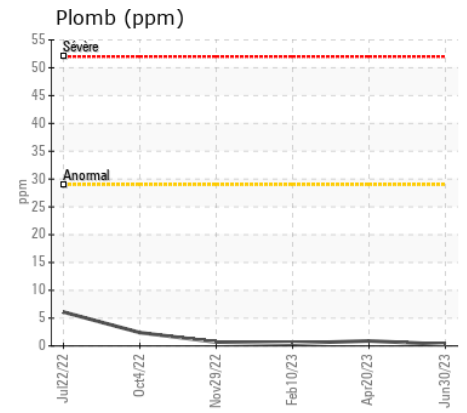
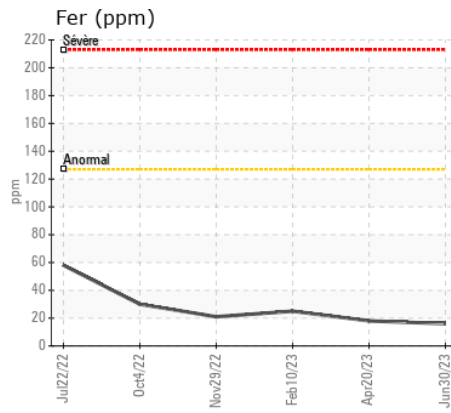
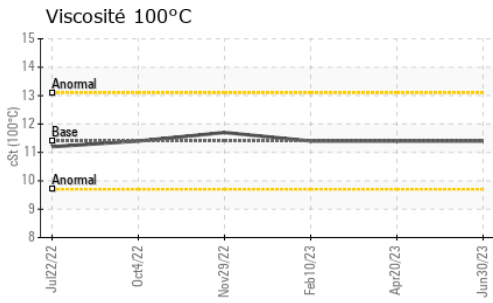
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>18	8	8	6
Potassium	ppm	ASTM D5185(m)	>20	9	7	20
Essence		WC Method	>2.0	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.7	0.9	1.1
Nitration	Abs/cm	ASTM D7624*	>20	8.9	9.1	9.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.3	20.8	21.8
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
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

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		2	3	2
Bore	ppm	ASTM D5185(m)	1	4	1	3
Baryum	ppm	ASTM D5185(m)	1	0	0	0
Molybdène	ppm	ASTM D5185(m)	1	63	62	63
Manganèse	ppm	ASTM D5185(m)	1	<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	10	993	992	1001
Calcium	ppm	ASTM D5185(m)	2942	1069	1174	1239
Phosphore	ppm	ASTM D5185(m)	1102	1087	1118	1135
Zinc	ppm	ASTM D5185(m)	1351	1203	1239	1267
Soufre	ppm	ASTM D5185(m)	3903	2598	2640	2711
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.1	15.8	16.1
Visc 100°C	cSt	ASTM D7279(m)	11.4	11.4	11.4	11.4



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0813030 **Reçu** : 31 Aug 2023
N° de laboratoire : 02579607 **Diagnostiqué** : 31 Aug 2023
Numéro unique : 5632667 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: 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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