



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

INTERNATIONAL 52910

Composant

Moteur diesel

Fluid

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		WC0929478	WC0909570	WC0890002
Date d'échant.		Client Info		29 May 2024	27 Mar 2024	29 Jan 2024
Âge d la Machine	mls	Client Info		235380	199497	169259
Âge de l'huile	mls	Client Info		35117	30238	34186
Âge du filtre	mls	Client Info		35117	30238	34186
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)	>100	14	14	17
Chrome	ppm	ASTM D5185(m)	>20	1	1	1
Nickel	ppm	ASTM D5185(m)	>4	1	1	1
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	<1	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	4	3	4
Plomb	ppm	ASTM D5185(m)	>40	2	2	2
Cuivre	ppm	ASTM D5185(m)	>330	1	1	1
Étain	ppm	ASTM D5185(m)	>15	<1	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

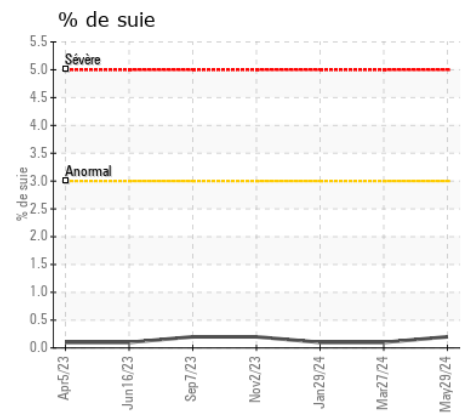
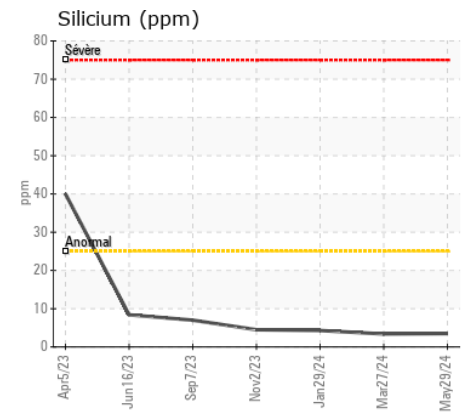
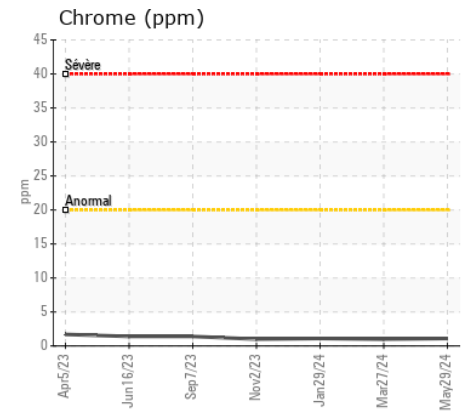
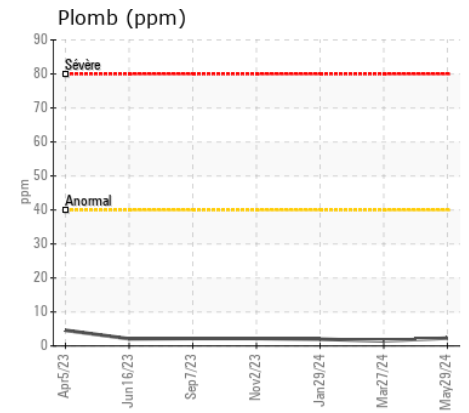
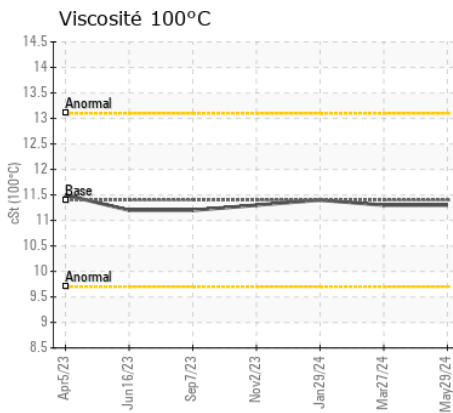
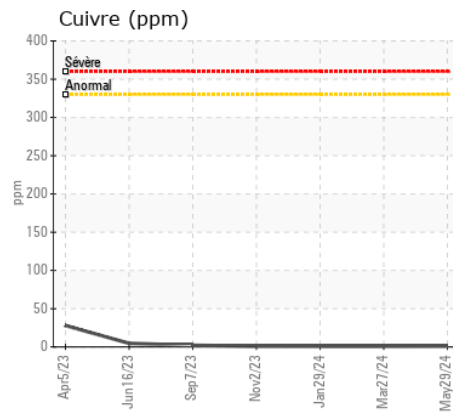
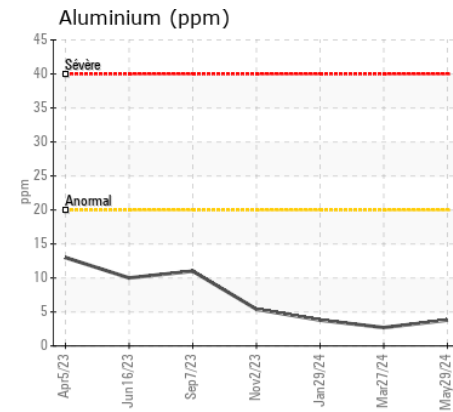
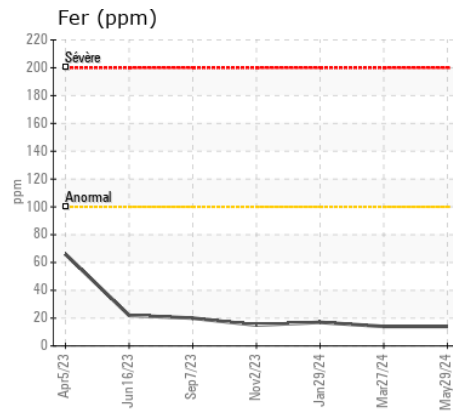
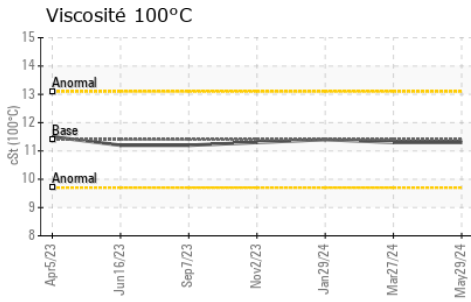
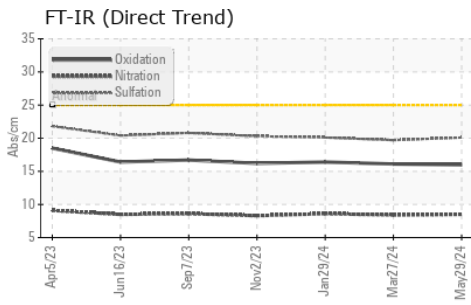
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	4	3	4
Potassium	ppm	ASTM D5185(m)	>20	6	2	5
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	0.2	0.1	0.1
Nitration	Abs/cm	ASTM D7624*	>20	8.5	8.4	8.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.1	19.7	20.1
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)		1	2	1
Bore	ppm	ASTM D5185(m)	1	1	2	1
Baryum	ppm	ASTM D5185(m)	1	0	0	0
Molybdène	ppm	ASTM D5185(m)	1	60	60	60
Manganèse	ppm	ASTM D5185(m)	1	<1	<1	0
Magnésium	ppm	ASTM D5185(m)	10	954	962	990
Calcium	ppm	ASTM D5185(m)	2942	1104	1060	1181
Phosphore	ppm	ASTM D5185(m)	1102	1006	1002	1041
Zinc	ppm	ASTM D5185(m)	1351	1210	1195	1228
Soufre	ppm	ASTM D5185(m)	3903	2440	2401	2719
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.0	16.1	16.4
Visc 100°C	cSt	ASTM D7279(m)	11.4	11.3	11.3	11.4



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0929478
N° de laboratoire : 02642877
Numéro unique : 5800416
Analyse : MOB 1

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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.