



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

52000 series

Identité de la machine

INTERNATIONAL 52798M

Composant

Moteur diesel

Fluide

PETRO CANADA DURON SAE 10W30 (40 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0877556	WC0836029	WC0813072
Date d'échant.		Client Info		08 Nov 2023	02 Aug 2023	24 Apr 2023
Âge d la Machine	mls	Client Info		565783	536157	509697
Âge de l'huile	mls	Client Info		29626	26460	31649
Âge du filtre	mls	Client Info		29626	26460	31649
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)	>90	26	5	57
Chrome	ppm	ASTM D5185(m)	>20	1	<1	3
Nickel	ppm	ASTM D5185(m)	>2	<1	0	<1
Titane	ppm	ASTM D5185(m)	>2	0	0	<1
Argent	ppm	ASTM D5185(m)	>2	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>20	5	1	6
Plomb	ppm	ASTM D5185(m)	>40	3	<1	6
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	1
Étain	ppm	ASTM D5185(m)	>15	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

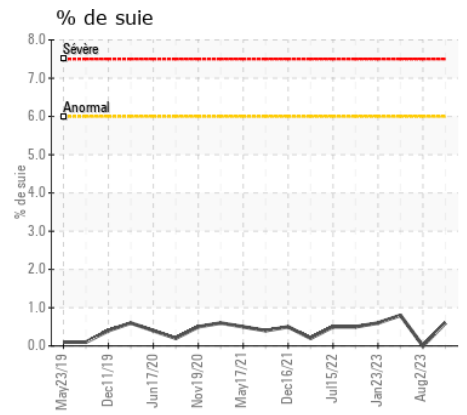
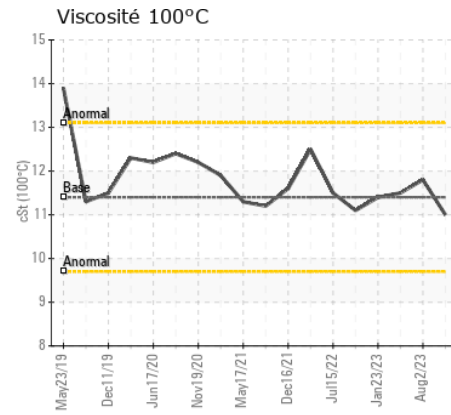
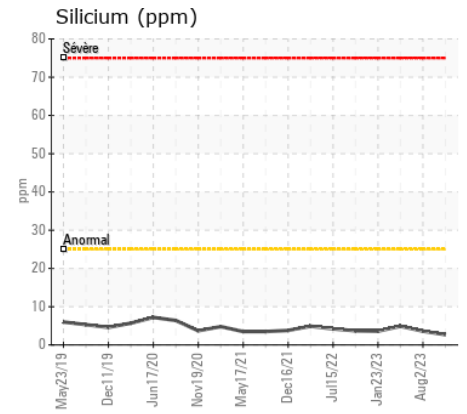
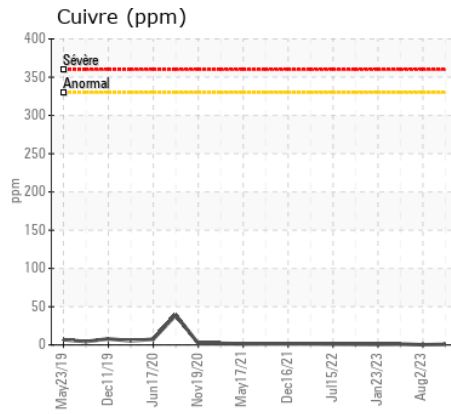
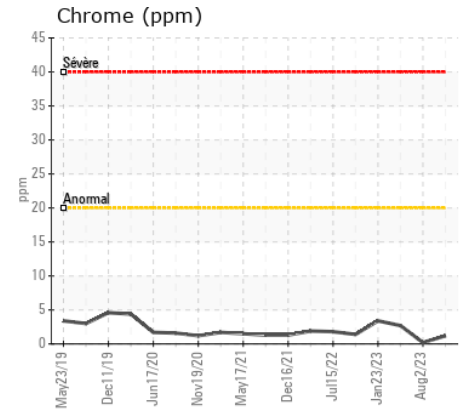
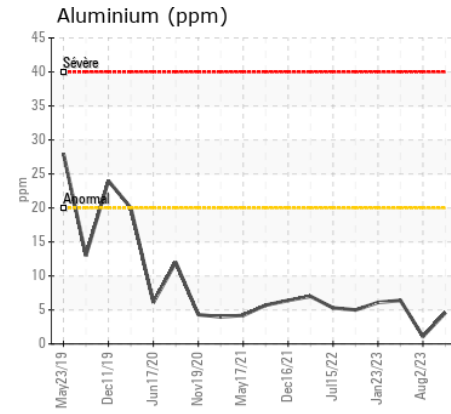
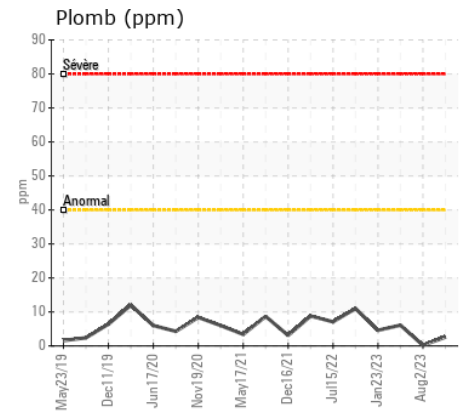
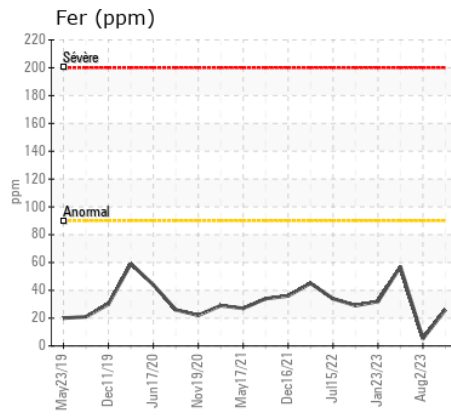
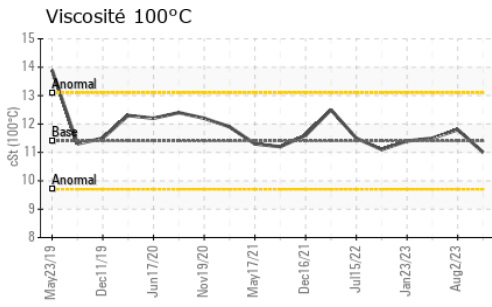
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	3	4	5
Potassium	ppm	ASTM D5185(m)	>20	3	<1	2
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*	>6	0.6	0	0.8
Nitration	Abs/cm	ASTM D7624*	>20	11.8	5.5	13.1
Sulfatation	Abs/.1mm	ASTM D7415*	>30	24.3	19.7	25.6
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	1	4
Bore	ppm	ASTM D5185(m)	1	2	3	39
Baryum	ppm	ASTM D5185(m)	1	0	0	0
Molybdène	ppm	ASTM D5185(m)	1	57	53	65
Manganèse	ppm	ASTM D5185(m)	1	0	0	<1
Magnésium	ppm	ASTM D5185(m)	10	903	894	1153
Calcium	ppm	ASTM D5185(m)	2942	1063	992	1077
Phosphore	ppm	ASTM D5185(m)	1102	952	1009	1152
Zinc	ppm	ASTM D5185(m)	1351	1155	1099	1303
Soufre	ppm	ASTM D5185(m)	3903	2367	2755	2798
Oxydation	Abs/.1mm	ASTM D7414*	>25	21.3	13.7	23.5
Visc 100°C	cSt	ASTM D7279(m)	11.4	11.0	11.8	11.5



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0877556
N° de laboratoire : 02598650
Numéro unique : 5683730
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.