



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

245

Composant

Moteur diesel

Fluide

PETRO CANADA DURON SHP 10W30 (45 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0831682	WC0805590	WC
Date d'échant.		Client Info		22 Aug 2023	13 Mar 2023	25 Oct 2021
Âge d la Machine	kms	Client Info		923063	937674	833960
Âge de l'huile	kms	Client Info		39984	64486	19675
Âge du filtre	kms	Client Info		39984	64486	19675
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)	>165	8	12	23
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	0
Argent	ppm	ASTM D5185(m)	>2	<1	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	<1	2	3
Plomb	ppm	ASTM D5185(m)	>150	<1	2	4
Cuivre	ppm	ASTM D5185(m)	>90	<1	1	2
Étain	ppm	ASTM D5185(m)	>5	<1	1	1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

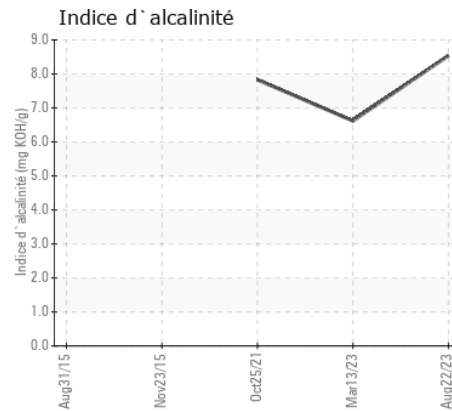
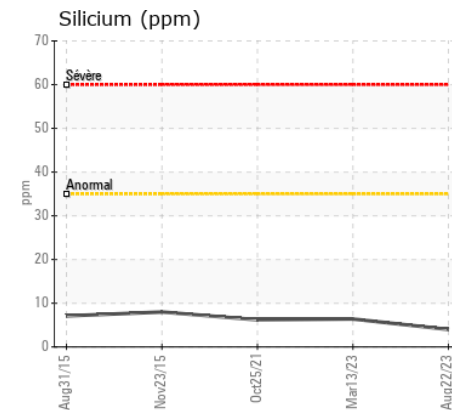
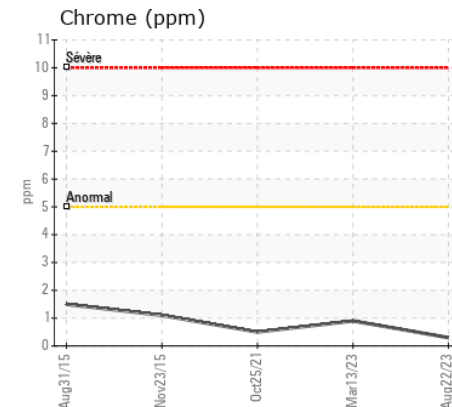
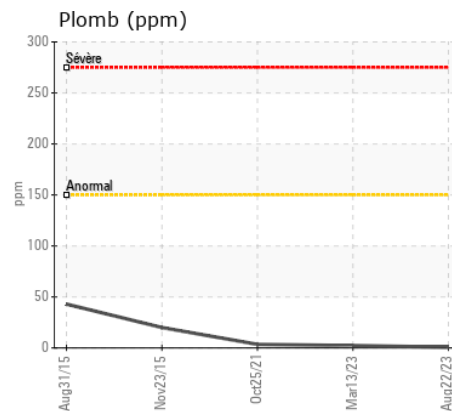
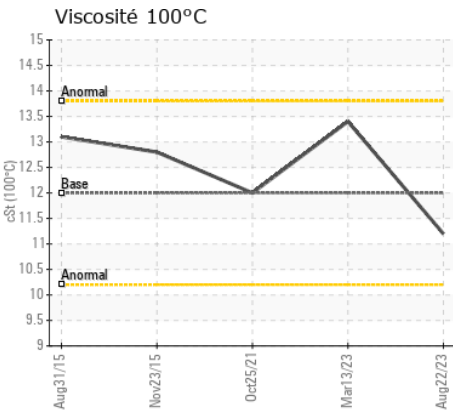
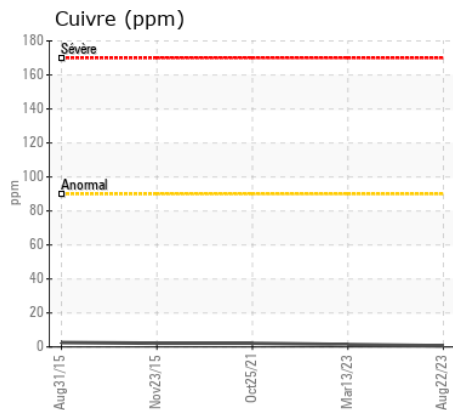
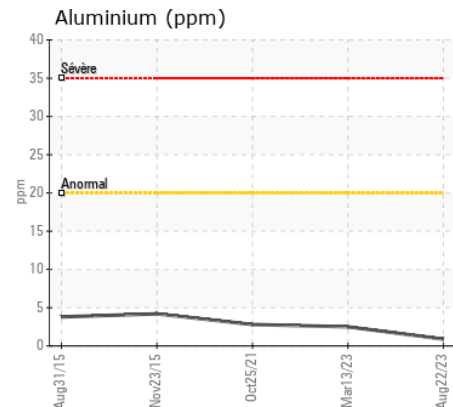
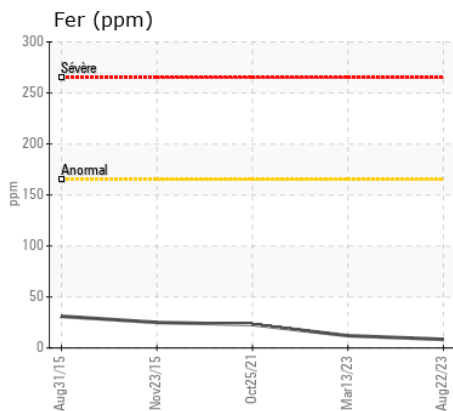
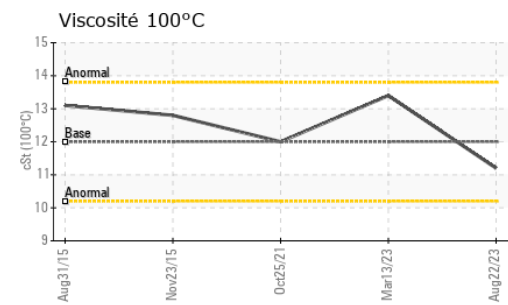
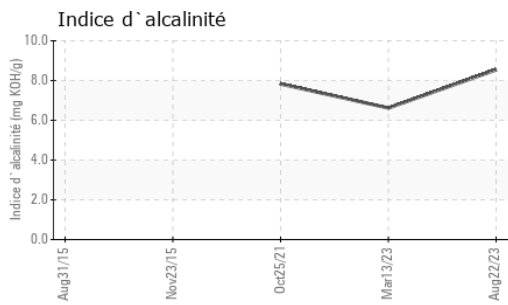
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>35	4	6	6
Potassium	ppm	ASTM D5185(m)	>20	0	8	3
Essence		WC Method	>3.0	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>7.5	0.2	0.1	0.1
Nitration	Abs/cm	ASTM D7624*	>20	7.5	8.7	12.1
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.6	21.1	25.5
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185(m)		3	4	5
Bore	ppm	ASTM D5185(m)	2	10	109	16
Baryum	ppm	ASTM D5185(m)	0	<1	<1	0
Molybdène	ppm	ASTM D5185(m)	50	61	15	61
Manganèse	ppm	ASTM D5185(m)	0	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	932	190	1178
Calcium	ppm	ASTM D5185(m)	1050	1187	2094	1013
Phosphore	ppm	ASTM D5185(m)	995	1040	1056	1127
Zinc	ppm	ASTM D5185(m)	1180	1241	1182	1356
Soufre	ppm	ASTM D5185(m)	2600	2697	2988	2855
Oxydation	Abs/.1mm	ASTM D7414*	>25	14.1	16.6	22.4
Indice d'alcalinité	mg KOH/g	ASTM D2896*		8.54	6.62	7.83
Visc 100°C	cSt	ASTM D7279(m)	12.00	11.2	13.4	12.0



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0831682
N° de laboratoire : 02586361
Numéro unique : 5655427
Analyse : MOB 2
Reçu : 03 Oct 2023
Diagnostiqué : 03 Oct 2023
Diagnostiqueur : Wes Davis

Moncton - Transport Laberge
 180 Edinburg Drive, Suite 1A
 Moncton, NB
 CA E1E 2K7
 Contact: Service Manager

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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F: