



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE
Identité de la machine
76131

Composant
Moteur diesel
Fluid
PETRO CANADA DURON SHP 10W30 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0076043	PC0082297	PC0067802
Date d'échant.		Client Info		17 Dec 2023	15 Oct 2023	18 Dec 2022
Âge d la Machine	hrs	Client Info		0	33541	32461
Âge de l'huile	hrs	Client Info		0	0	0
Âge du filtre	hrs	Client Info		0	0	0
Huile changée		Client Info		N/A	N/A	N/A
Filtre changé		Client Info		N/A	N/A	N/A
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	6	6	6
Chrome	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>4	0	0	<1
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	<1	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	3	3	3
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	0
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	<1
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

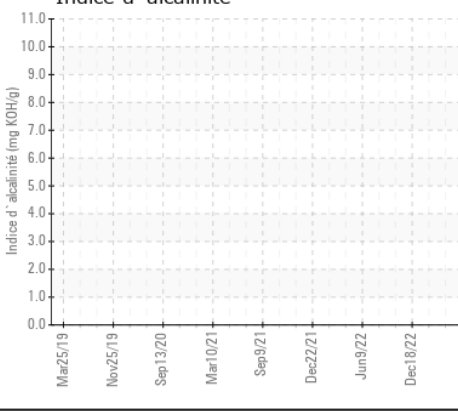
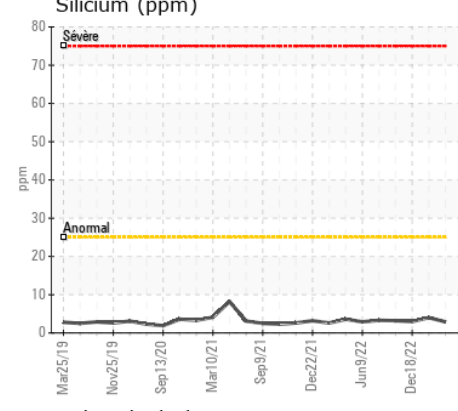
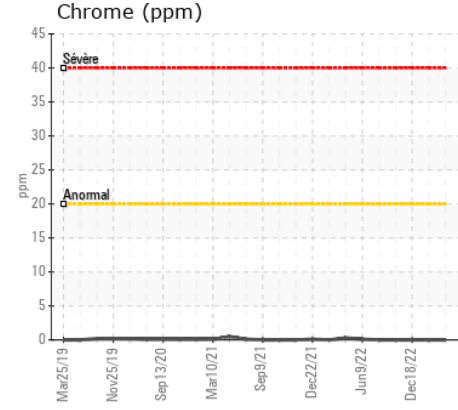
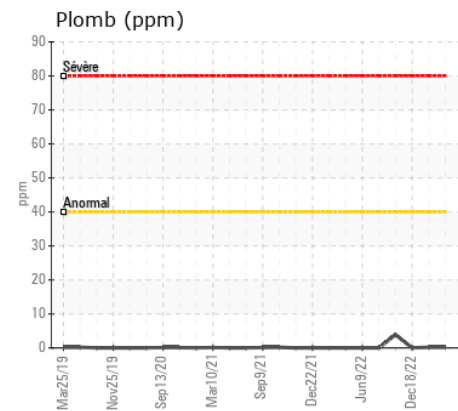
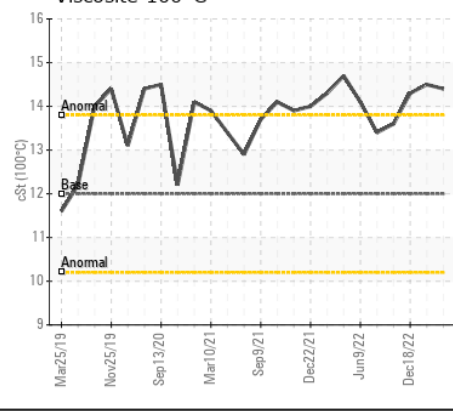
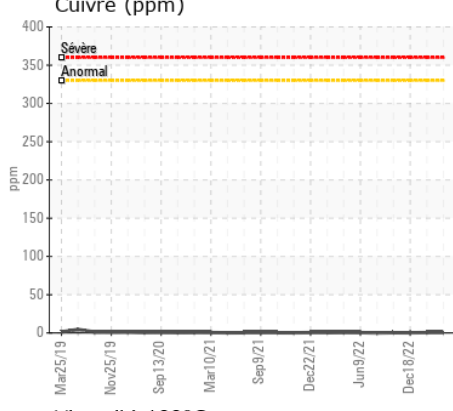
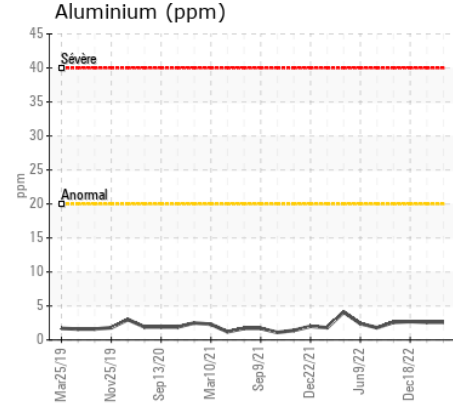
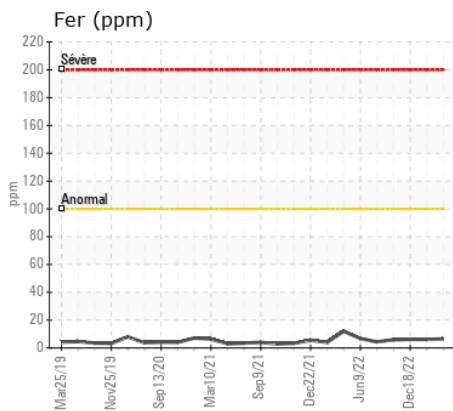
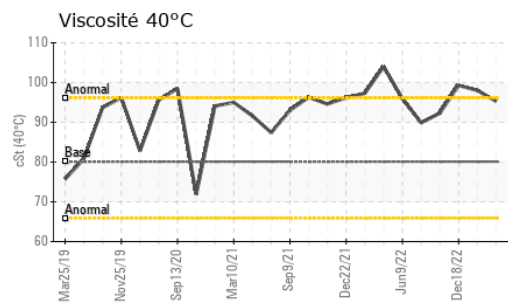
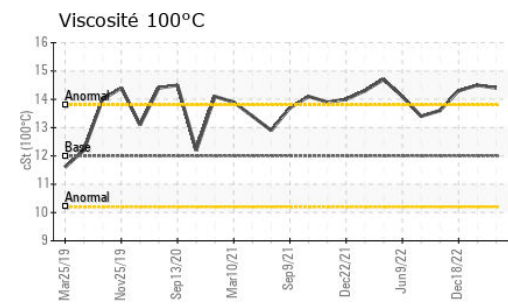
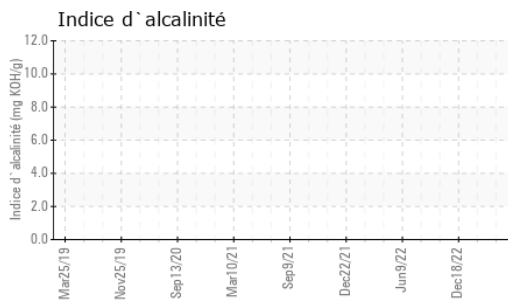
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	3	4	3
Potassium	ppm	ASTM D5185(m)	>20	0	0	0
Essence		WC Method	>5	<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	0	0
Nitration	Abs/cm	ASTM D7624*	>20	7.0	7.1	7.1
Sulfatation	Abs/.1mm	ASTM D7415*	>30	23.7	19.8	20.9
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)		2	2	2
Bore	ppm	ASTM D5185(m)	2	2	2	3
Baryum	ppm	ASTM D5185(m)	0	<1	<1	0
Molybdène	ppm	ASTM D5185(m)	50	56	62	59
Manganèse	ppm	ASTM D5185(m)	0	0	0	<1
Magnésium	ppm	ASTM D5185(m)	950	902	1025	1008
Calcium	ppm	ASTM D5185(m)	1050	1500	1221	1266
Phosphore	ppm	ASTM D5185(m)	995	1010	1036	1058
Zinc	ppm	ASTM D5185(m)	1180	1278	1281	1255
Soufre	ppm	ASTM D5185(m)	2600	2618	2556	2550
Oxydation	Abs/.1mm	ASTM D7414*	>25	19.4	15.9	16.3
Indice d'alcalinité	mg KOH/g	ASTM D2896*		10.88	---	---
Visc 40°C	cSt	ASTM D7279(m)	80.1	95.3	98.0	99.3
Visc 100°C	cSt	ASTM D7279(m)	12.00	14.4	14.5	14.3
Indice de viscosité (VI)	Scale	ASTM D2270*	144	156	153	147



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**
N° d'échantillon : PC0076043 **Reçu** : 18 Dec 2023
N° de laboratoire : 02603696 **Diagnostiqué** : 20 Dec 2023
Numéro unique : 5696781 **Diagnostiqueur** : Wes Davis
Analyse : MOB 2 (Additional Tests: KV40, VI)

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.