



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE
Identité de la machine
5037

Composant
Moteur diesel
Fluide
PETRO CANADA 10W40 (--- 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		PC0071004	PC0057223	PC0064596
Date d'échant.		Client Info		16 Jul 2023	16 Jan 2023	16 Oct 2022
Âge d la Machine	hrs	Client Info		10915	10555	9616
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	16	10	8
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	0	<1	0
Titane	ppm	ASTM D5185(m)		0	<1	<1
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<1	2	1
Plomb	ppm	ASTM D5185(m)	>40	0	0	0
Cuivre	ppm	ASTM D5185(m)	>330	4	2	2
Étain	ppm	ASTM D5185(m)	>15	0	<1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

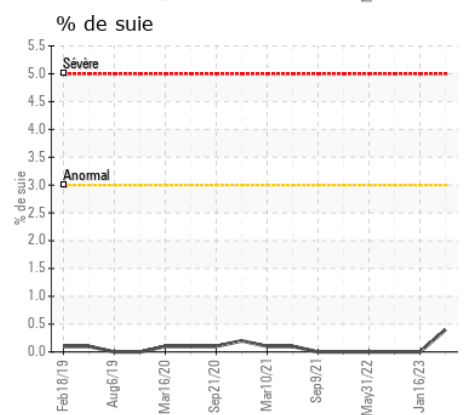
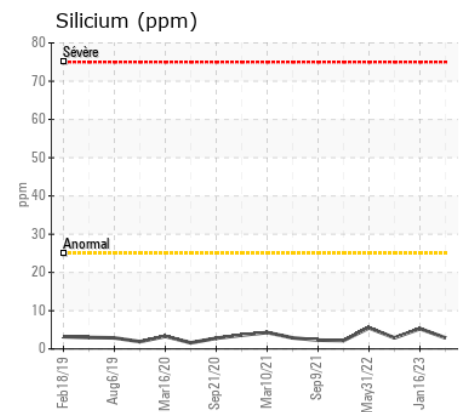
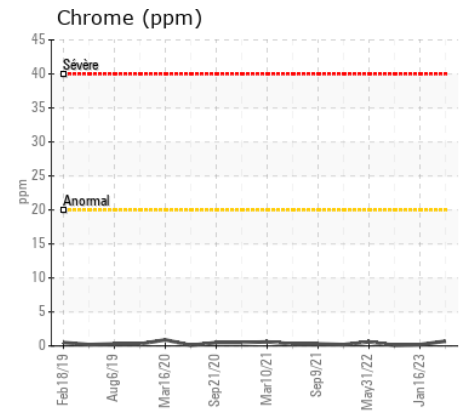
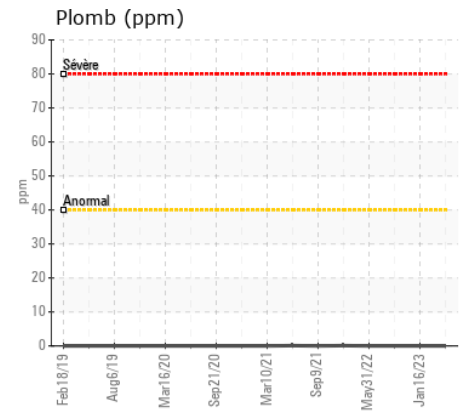
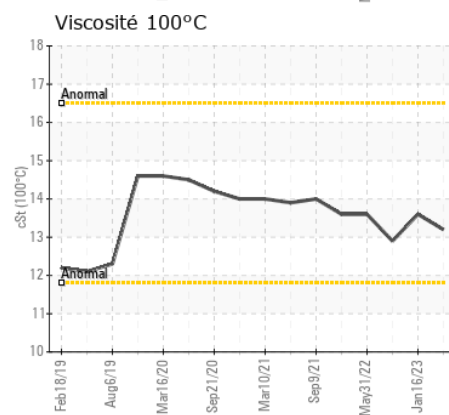
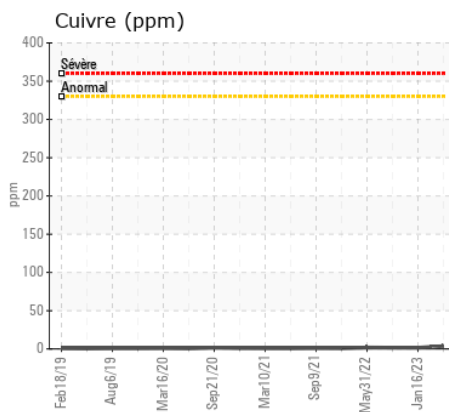
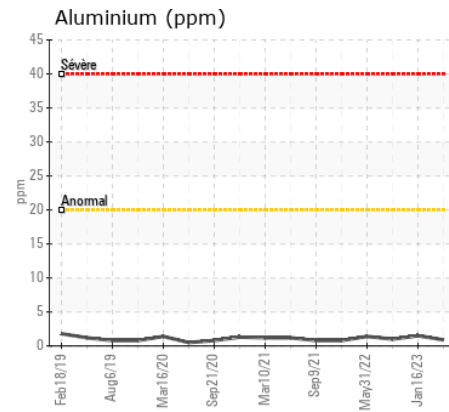
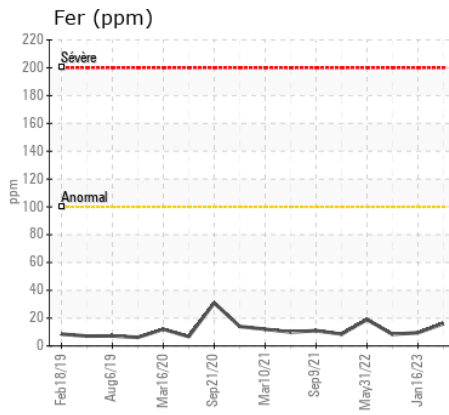
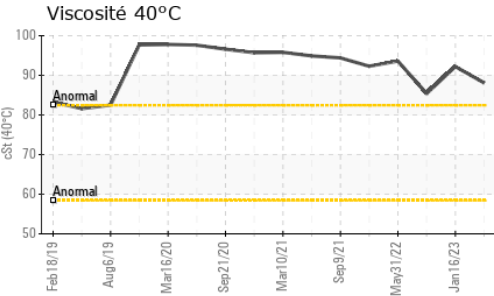
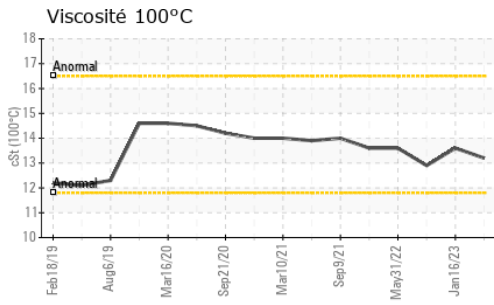
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	3	5	3
Potassium	ppm	ASTM D5185(m)	>20	<1	0	<1
Essence		WC Method	>5	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.4	0	0
Nitration	Abs/cm	ASTM D7624*	>20	6.6	5.9	5.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.6	19.3	21.0
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)	>20	5	4	3
Bore	ppm	ASTM D5185(m)		3	2	6
Baryum	ppm	ASTM D5185(m)		0	0	0
Molybdène	ppm	ASTM D5185(m)		57	56	52
Manganèse	ppm	ASTM D5185(m)		<1	<1	<1
Magnésium	ppm	ASTM D5185(m)		945	894	852
Calcium	ppm	ASTM D5185(m)		1123	1165	1323
Phosphore	ppm	ASTM D5185(m)		1040	1060	1081
Zinc	ppm	ASTM D5185(m)		1183	1175	1188
Soufre	ppm	ASTM D5185(m)		2518	2646	2734
Oxydation	Abs/.1mm	ASTM D7414*	>25	13.4	13.7	15.4
Visc 40°C	cSt	ASTM D7279(m)		88.1	92.2	85.4
Visc 100°C	cSt	ASTM D7279(m)		13.2	13.6	12.9
Indice de viscosité (VI)	Scale	ASTM D2270*		150	149	150



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**
N° d'échantillon : PC0071004 **Reçu** : 17 Jul 2023
N° de laboratoire : 02570361 **Diagnostiqué** : 17 Jul 2023
Numéro unique : 5607407 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (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.
 Validity of results and interpretation are based on the sample and information as supplied.

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