



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
FORACTION
Identité de la machine
4080

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		PC0083626	PC0072069	PC0053852
Date d'échant.		Client Info		16 Jan 2024	10 May 2023	24 Mar 2022
Âge d la Machine	hrs	Client Info		6292	5744	5000
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	24	41	40
Chrome	ppm	ASTM D5185(m)	>20	1	2	2
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	<1
Titane	ppm	ASTM D5185(m)		0	<1	0
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	2	4	2
Plomb	ppm	ASTM D5185(m)	>40	<1	2	2
Cuivre	ppm	ASTM D5185(m)	>330	<1	2	1
Étain	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

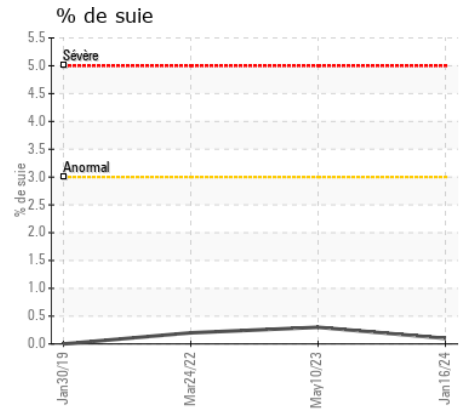
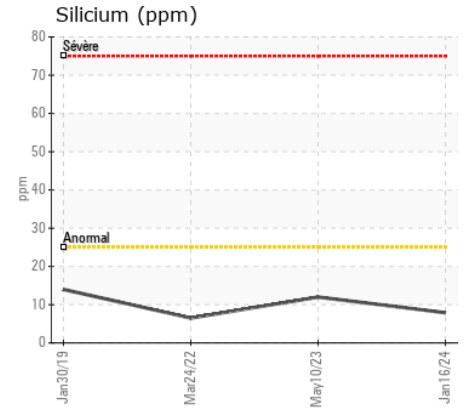
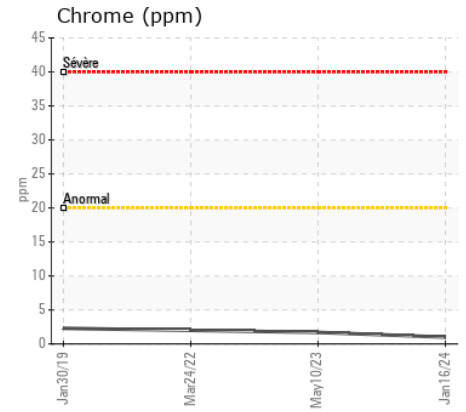
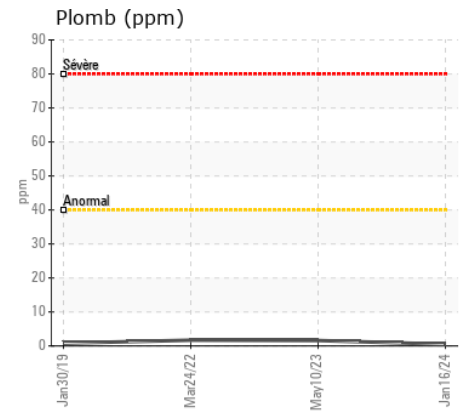
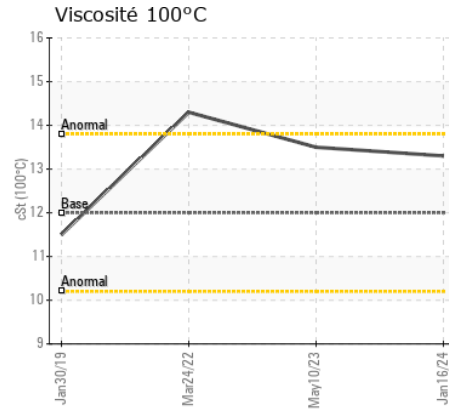
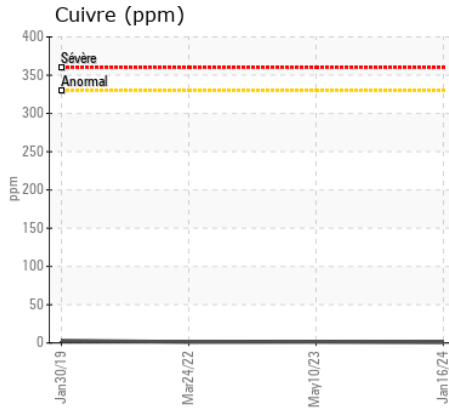
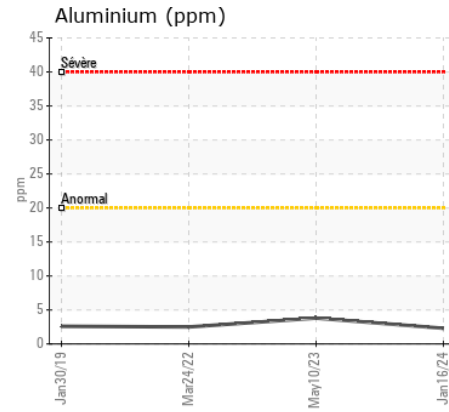
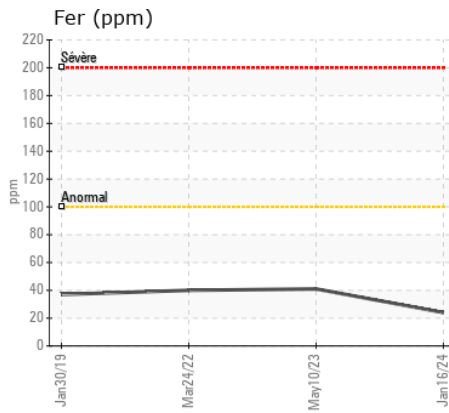
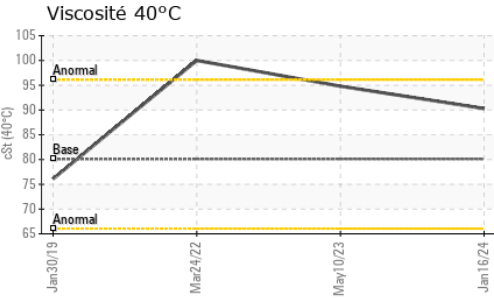
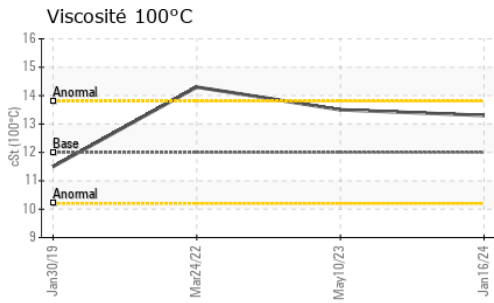
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	8	12	6
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	<1
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	0.1	0.3	0.2
Nitration	Abs/cm	ASTM D7624*	>20	8.2	10.0	9.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.9	21.8	21.8
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	2
Bore	ppm	ASTM D5185(m)	2	2	10	8
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	50	62	67	67
Manganèse	ppm	ASTM D5185(m)	0	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	1027	1088	1063
Calcium	ppm	ASTM D5185(m)	1050	1157	1413	1311
Phosphore	ppm	ASTM D5185(m)	995	1021	1173	1091
Zinc	ppm	ASTM D5185(m)	1180	1243	1378	1340
Soufre	ppm	ASTM D5185(m)	2600	2610	2653	2629
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.5	19.5	17.7
Visc 40°C	cSt	ASTM D7279(m)	80.1	90.3	94.8	100
Visc 100°C	cSt	ASTM D7279(m)	12.00	13.3	13.5	14.3
Indice de viscosité (VI)	Scale	ASTM D2270*	144	147	143	146



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.
N° d'échantillon : PC0083626 **Reçu** : 17 Jan 2024
N° de laboratoire : 02609249 **Diagnostiqué** : 18 Jan 2024
Numéro unique : 5710335 **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.

La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.

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