



# RAPPORT D'ANALYSE D'HUILE

USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>

Secteur  
**MICHAUDVILLE**

Identité de la machine

**1594**

Composant

**Moteur diesel**

Fluide

**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		<b>PC0082934</b>	PC0072962	PC0057182
Date d'échant.		Client Info		<b>21 Nov 2023</b>	24 Jul 2023	24 Apr 2023
Âge d la Machine	hrs	Client Info		<b>152</b>	13724	13225
Âge de l'huile	hrs	Client Info		<b>0</b>	0	0
Âge du filtre	hrs	Client Info		<b>0</b>	0	0
Huile changée		Client Info		<b>N/A</b>	N/A	N/A
Filtre changé		Client Info		<b>N/A</b>	N/A	N/A
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

## USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>100	<b>8</b>	8	6
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	0	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	0
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>4</b>	3	2
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	0
Cuivre	ppm	ASTM D5185(m)	>330	<b>1</b>	2	<1
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

## CONTAMINATION

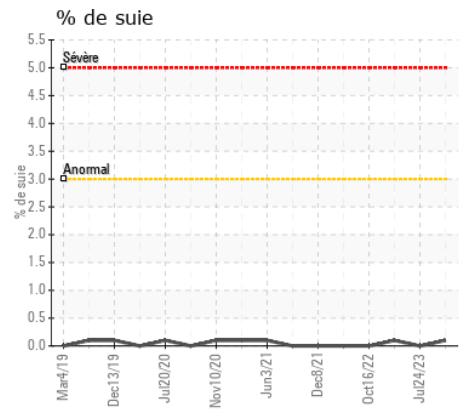
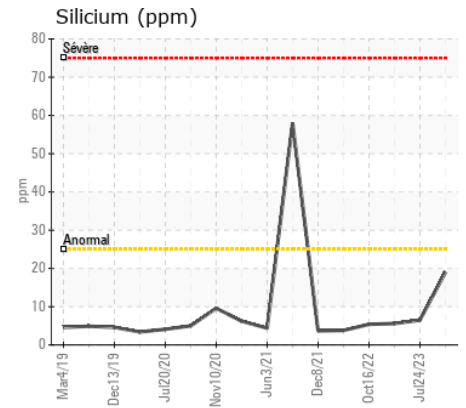
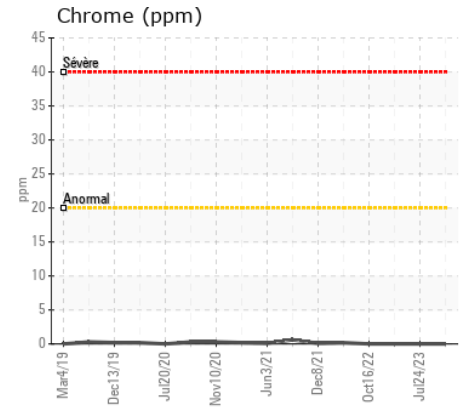
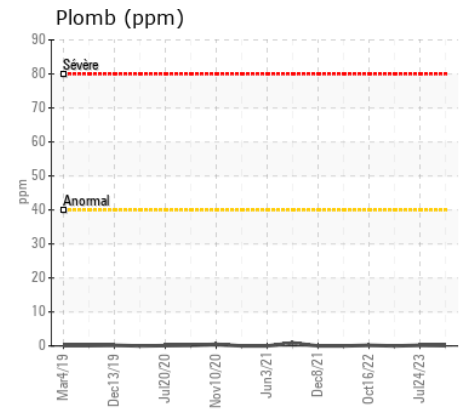
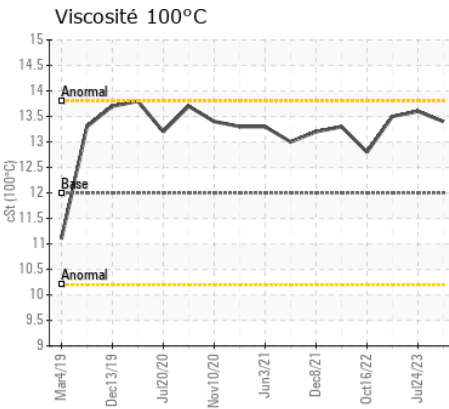
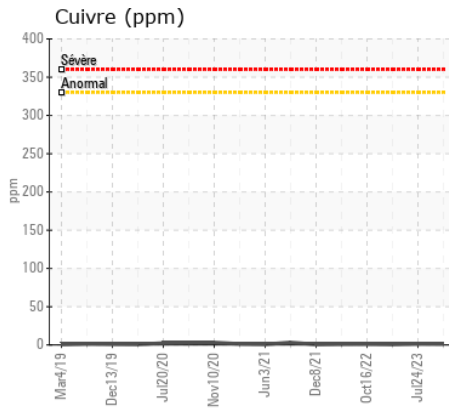
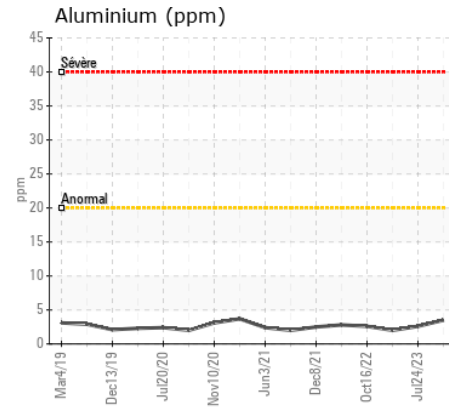
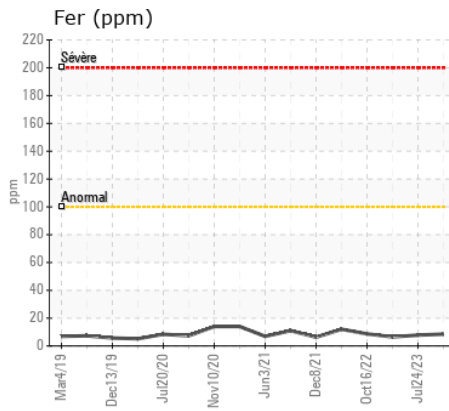
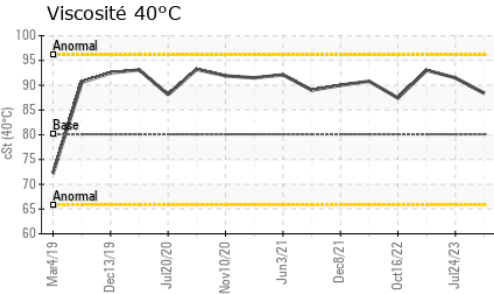
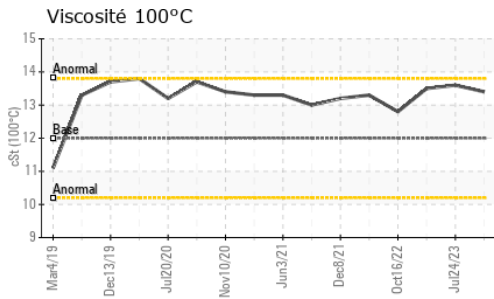
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>19</b>	6	6
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	2	<1
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.1</b>	0	0.1
Nitration	Abs/cm	ASTM D7624*	>20	<b>8.2</b>	7.6	7.4
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.3</b>	19.1	18.3
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

## ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		<b>2</b>	2	2
Bore	ppm	ASTM D5185(m)	2	<b>1</b>	1	1
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>57</b>	56	58
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>931</b>	954	943
Calcium	ppm	ASTM D5185(m)	1050	<b>1091</b>	1082	1127
Phosphore	ppm	ASTM D5185(m)	995	<b>985</b>	1065	1077
Zinc	ppm	ASTM D5185(m)	1180	<b>1176</b>	1176	1168
Soufre	ppm	ASTM D5185(m)	2600	<b>2512</b>	2575	2685
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.7</b>	15.1	14.7
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>88.4</b>	91.5	93.0
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>13.4</b>	13.6	13.5
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>153</b>	150	146



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.  
**N° d'échantillon** : PC0082934 **Reçu** : 22 Nov 2023  
**N° de laboratoire** : 02598117 **Diagnostiqué** : 22 Nov 2023  
**Numéro unique** : 5683197 **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.