



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

Secteur  
**MICHAUDVILLE**

Identité de la machine

**1222**

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>PC0077396</b>	PC0072965	PC0070992
Date d'échant.		Client Info		<b>17 Oct 2023</b>	24 Jul 2023	14 Mar 2023
Âge d la Machine	hrs	Client Info		<b>9687</b>	9198	8769
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**

All component wear rates are normal.

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

**CONTAMINATION**

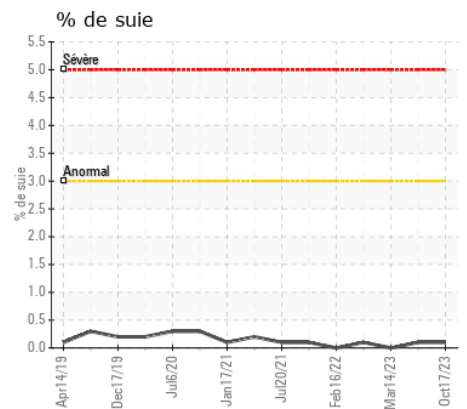
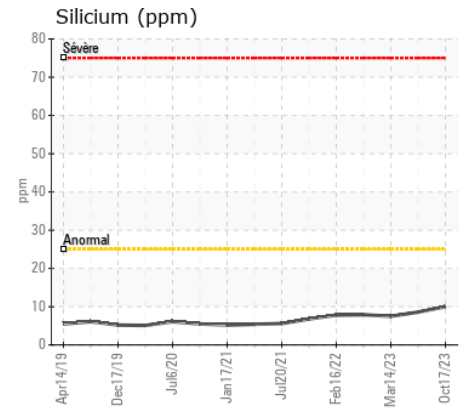
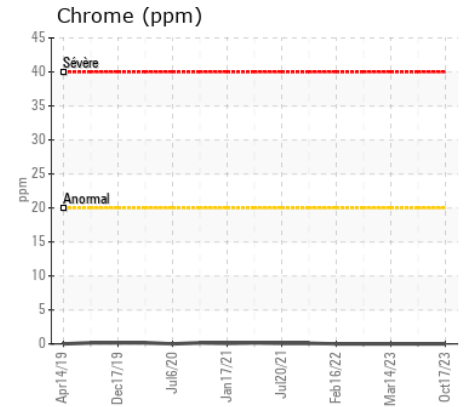
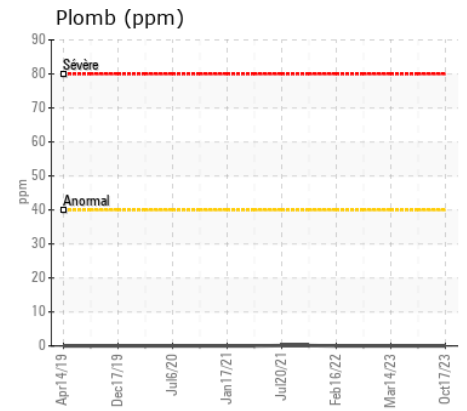
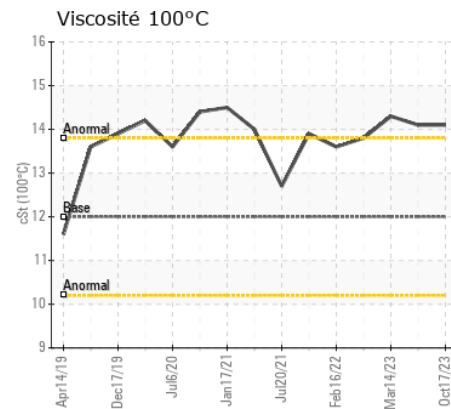
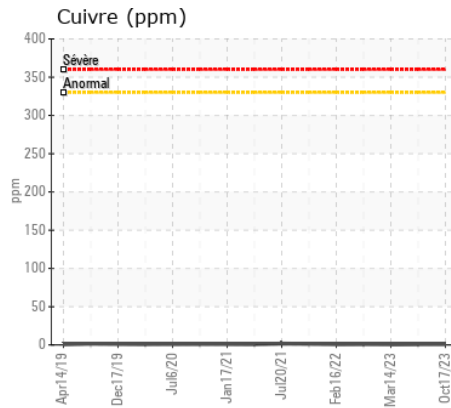
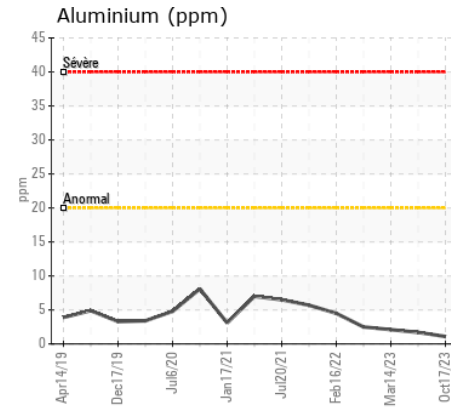
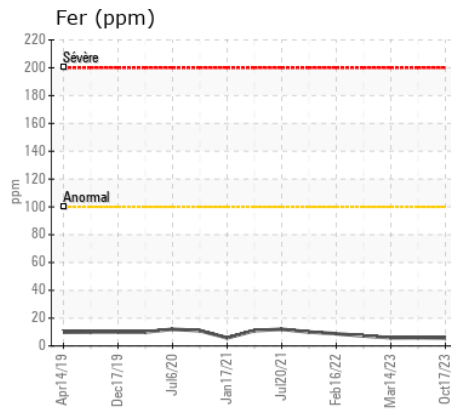
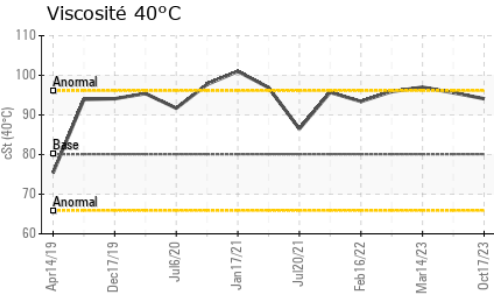
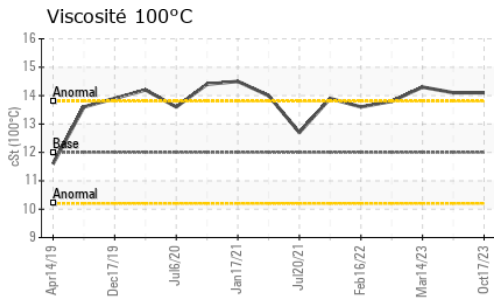
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>10</b>	9	8
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	2	2
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
Glycol		WC Method		<b>NEG</b>	NEG	NEG
% de suie	%	ASTM D7844*	>3	<b>0.1</b>	0.1	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.3</b>	7.3	6.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.2</b>	19.2	19.7
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>1</b>	1	1
Bore	ppm	ASTM D5185(m)	2	<b>1</b>	2	2
Baryum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>57</b>	57	58
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>940</b>	960	949
Calcium	ppm	ASTM D5185(m)	1050	<b>1098</b>	1065	1117
Phosphore	ppm	ASTM D5185(m)	995	<b>1002</b>	1047	1078
Zinc	ppm	ASTM D5185(m)	1180	<b>1188</b>	1169	1180
Soufre	ppm	ASTM D5185(m)	2600	<b>2532</b>	2574	2648
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.1</b>	14.8	13.9
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>94.1</b>	95.6	97.0
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>14.1</b>	14.1	14.3
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>153</b>	151	151



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.  
**N° d'échantillon** : PC0077396 **Reçu** : 18 Oct 2023  
**N° de laboratoire** : 02589881 **Diagnostiqué** : 18 Oct 2023  
**Numéro unique** : 5658947 **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.

270 RUE BRUNET  
MONT ST-HILAIRE, QC  
CA J3H 0M6  
Contact: Martin Trudel  
mtrudel@michaudville.com

T:  
F: