



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

Secteur  
**MICHAUDVILLE**  
Identité de la machine  
**6541**

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>PC0071016</b>	PC0057229	PC0065833
Date d'échant.		Client Info		<b>08 Aug 2023</b>	16 Jan 2023	15 Sep 2022
Âge d la Machine	hrs	Client Info		<b>746</b>	519	358
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>4</b>	9	19
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	<1
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<b>0</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>1</b>	2	6
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	0	6
Cuivre	ppm	ASTM D5185(m)	>330	<b>&lt;1</b>	2	11
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

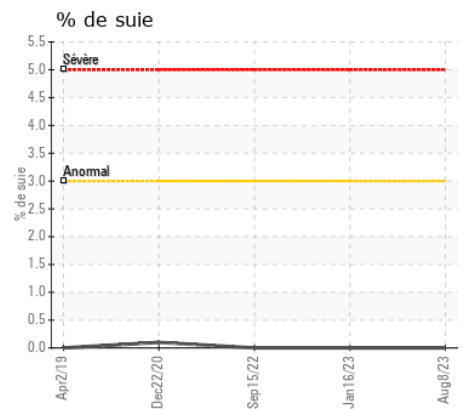
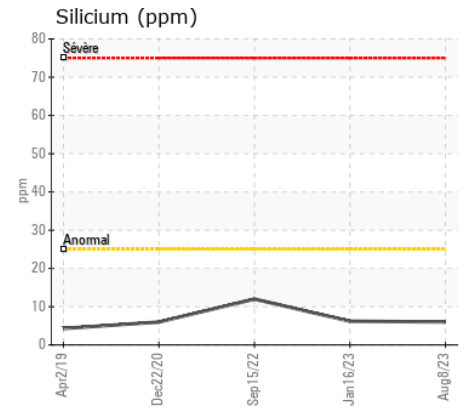
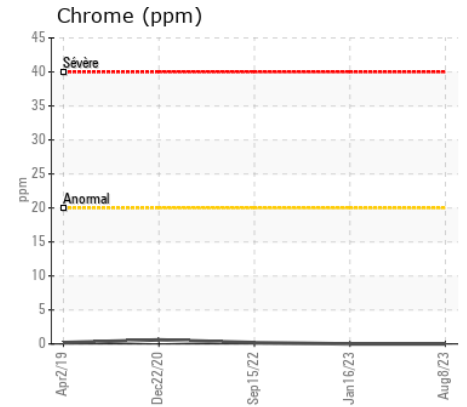
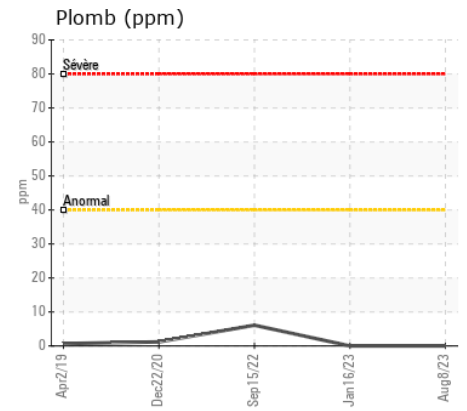
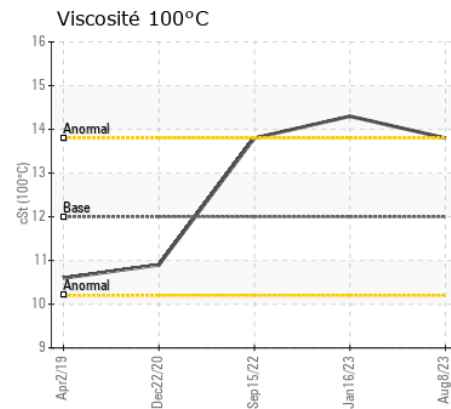
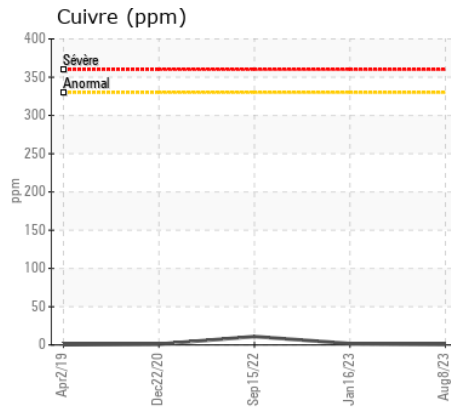
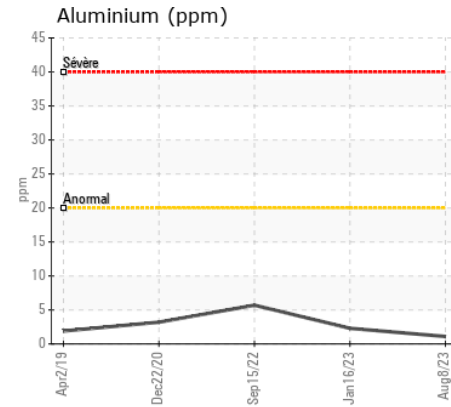
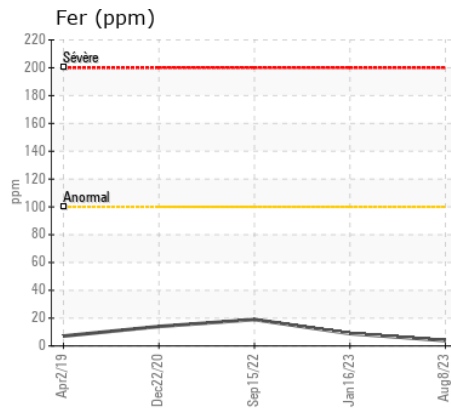
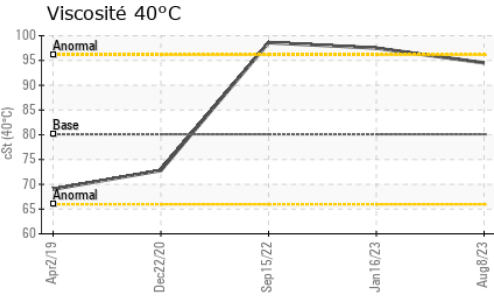
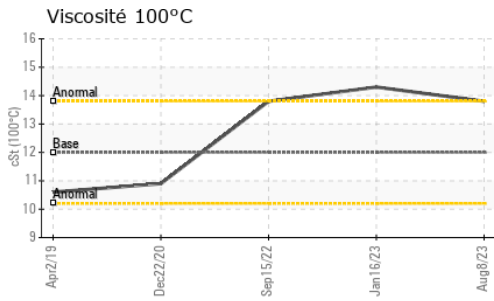
The water content is negligible. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>6</b>	6	12
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	0	1
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</b>	0	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>5.1</b>	6.4	8.4
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>18.1</b>	19.5	18.7
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>2</b>	2	5
Bore	ppm	ASTM D5185(m)	2	<b>6</b>	6	63
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	4
Molybdène	ppm	ASTM D5185(m)	50	<b>55</b>	58	76
Manganèse	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	2
Magnésium	ppm	ASTM D5185(m)	950	<b>908</b>	868	65
Calcium	ppm	ASTM D5185(m)	1050	<b>1086</b>	1228	2371
Phosphore	ppm	ASTM D5185(m)	995	<b>1024</b>	1051	1017
Zinc	ppm	ASTM D5185(m)	1180	<b>1132</b>	1159	1137
Soufre	ppm	ASTM D5185(m)	2600	<b>2552</b>	2735	3875
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>12.9</b>	14.7	14.2
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>94.5</b>	97.5	98.6
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>13.8</b>	14.3	13.8
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>148</b>	150	141



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.  
**N° d'échantillon** : PC0071016 **Reçu** : 09 Aug 2023  
**N° de laboratoire** : 02574730 **Diagnostiqué** : 09 Aug 2023  
**Numéro unique** : 5619781 **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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