



Secteur  
**MICHAUDVILLE**

Identité de la machine

**1589**

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>PC0082567</b>	PC0077367	PC0038925
Date d'échant.		Client Info		<b>24 Oct 2023</b>	25 Jul 2023	17 Feb 2021
Âge d la Machine	hrs	Client Info		<b>11927</b>	11493	20361
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	Changed
Filtre changé		Client Info		<b>N/A</b>	N/A	Changed
Statut de l'échant.				<b>NORMAL</b>	NORMAL	NORMAL

**USURE**

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	<b>11</b>	17	8
Chrome	ppm	ASTM D5185(m)	>20	<b>0</b>	0	<1
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>2</b>	3	2
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	<1	1
Cuivre	ppm	ASTM D5185(m)	>330	<b>2</b>	4	1
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0

**CONTAMINATION**

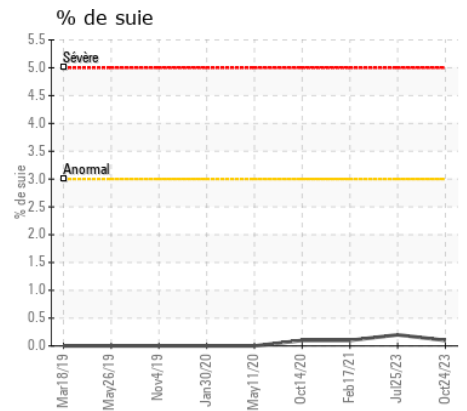
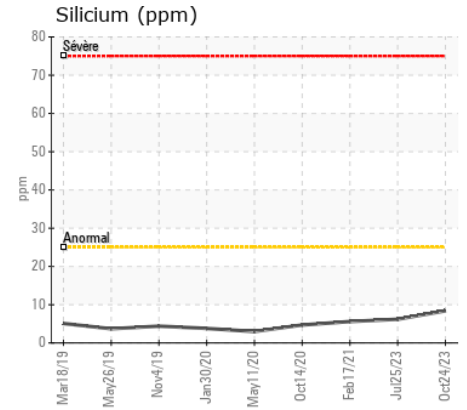
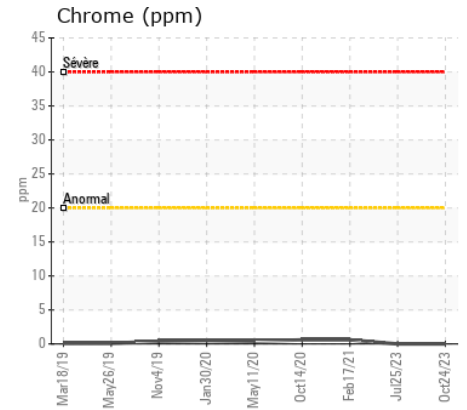
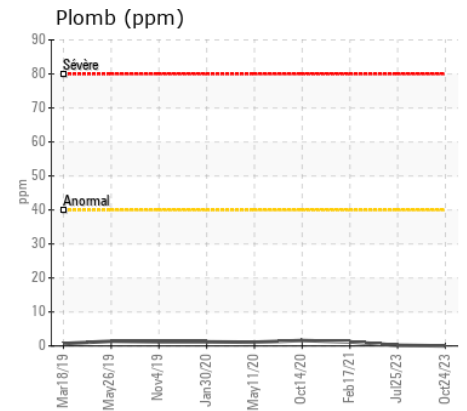
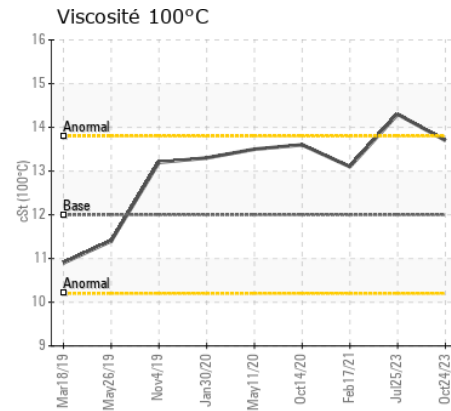
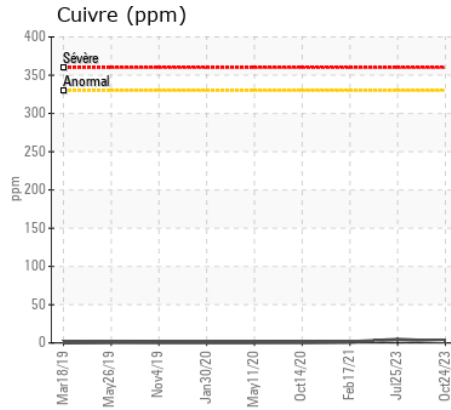
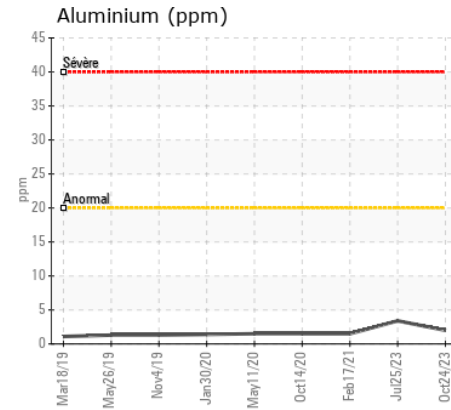
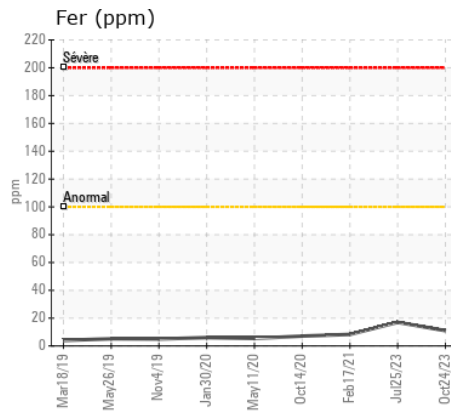
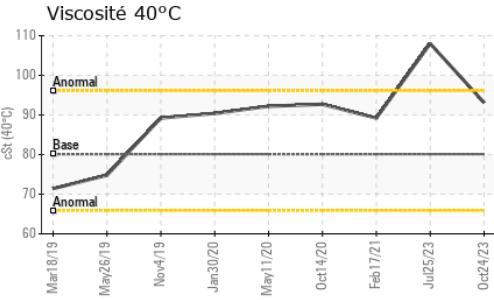
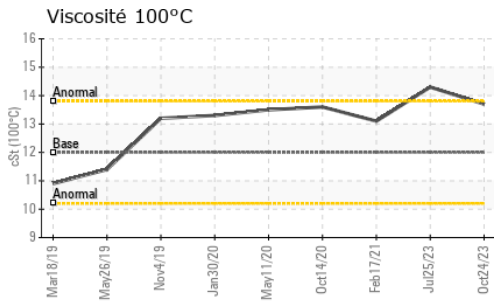
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>8</b>	6	6
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	3	<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>0.1</b>	0.2	0.1
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.4</b>	8.2	7.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.7</b>	22.2	19.8
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>	2	4
Bore	ppm	ASTM D5185(m)	2	<b>4</b>	22	2
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Molybdène	ppm	ASTM D5185(m)	50	<b>54</b>	20	58
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>844</b>	136	996
Calcium	ppm	ASTM D5185(m)	1050	<b>1226</b>	2164	1137
Phosphore	ppm	ASTM D5185(m)	995	<b>971</b>	981	1038
Zinc	ppm	ASTM D5185(m)	1180	<b>1161</b>	1106	1308
Soufre	ppm	ASTM D5185(m)	2600	<b>2483</b>	2815	2739
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.1</b>	15.1	15.0
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>93.1</b>	108	89.2
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>13.7</b>	14.3	13.1
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>149</b>	134	146



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUDVILLE INC.**  
**N° d'échantillon** : PC0082567 **Reçu** : 25 Oct 2023 270 RUE BRUNET  
**N° de laboratoire** : 02591674 **Diagnostiqué** : 25 Oct 2023 MONT ST-HILAIRE, QC  
**Numéro unique** : 5668753 **Diagnostiqueur** : Wes Davis CA J3H 0M6  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI) Contact: Martin Trudel

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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