



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

Secteur

**MICHAUDVILLE**

Identité de la machine

**1220**

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		<b>PC0085221</b>	PC0078432	PC0078363
Date d'échant.		Client Info		<b>21 Apr 2024</b>	10 Dec 2023	13 Sep 2023
Âge d la Machine	hrs	Client Info		<b>10883</b>	10384	9863
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>8</b>	7	8
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>0</b>	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	2
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	<1	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**

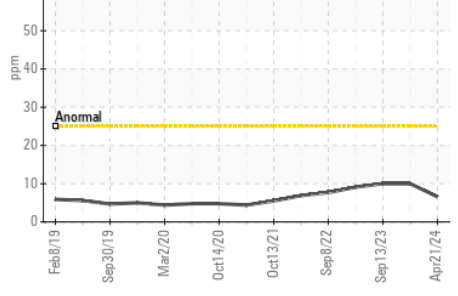
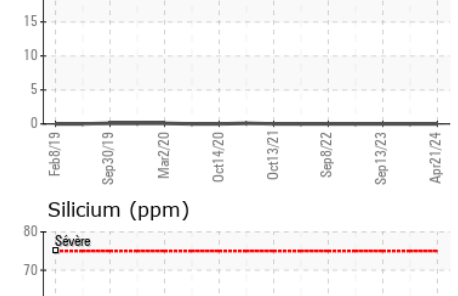
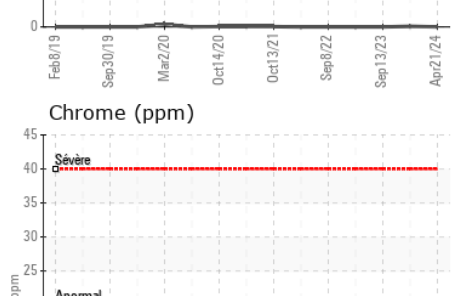
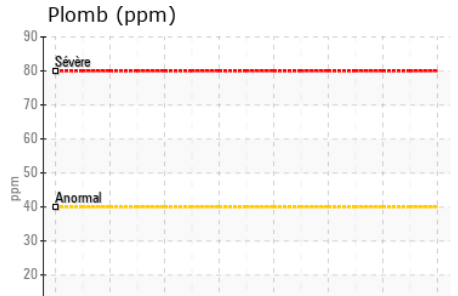
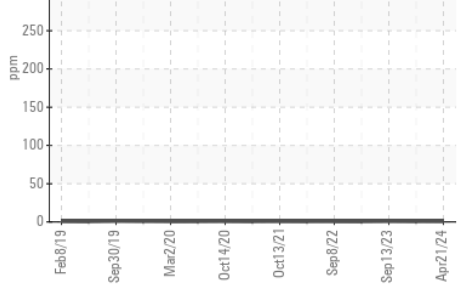
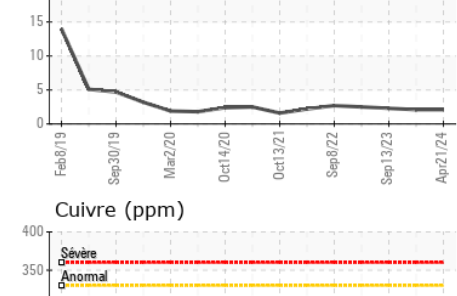
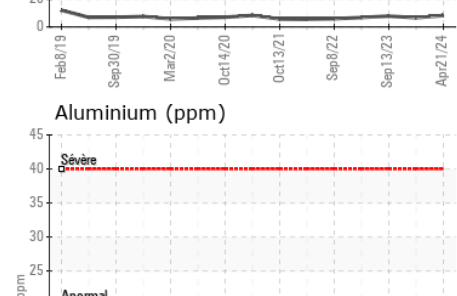
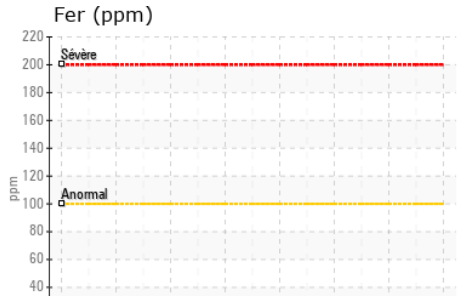
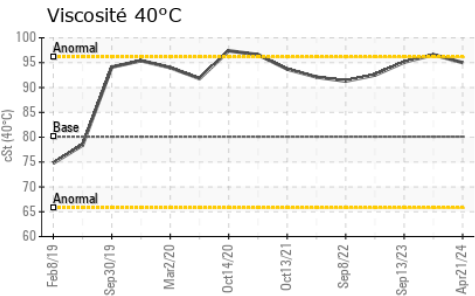
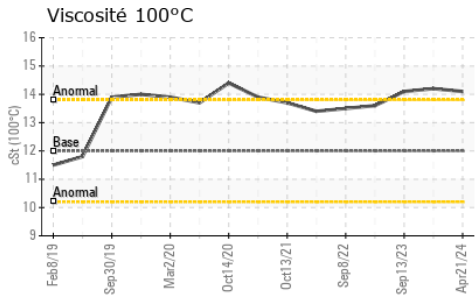
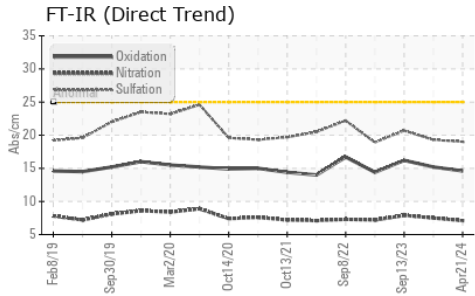
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>7</b>	10	10
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	2	5
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>0.2</b>	0.2	0.3
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.1</b>	7.5	7.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.0</b>	19.3	20.7
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>&lt;1</b>	2	1
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>58</b>	60	57
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	0	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>961</b>	978	947
Calcium	ppm	ASTM D5185(m)	1050	<b>1088</b>	1090	1186
Phosphore	ppm	ASTM D5185(m)	995	<b>993</b>	986	1086
Zinc	ppm	ASTM D5185(m)	1180	<b>1171</b>	1191	1228
Soufre	ppm	ASTM D5185(m)	2600	<b>2522</b>	2517	2625
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.6</b>	15.2	16.2
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>95.0</b>	96.6	95.1
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>14.1</b>	14.2	14.1
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>152</b>	150	152



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0085221  
**N° de laboratoire** : 02630478  
**Numéro unique** : 5763610  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI )

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

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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