



# 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  
**1508**

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>PC0083533</b>	PC0071576	PC0075919
Date d'échant.		Client Info		<b>07 Jan 2024</b>	17 Oct 2023	07 Jun 2023
Âge d la Machine	hrs	Client Info		<b>9810</b>	9315	8848
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>	6	10
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	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>2</b>	1	2
Plomb	ppm	ASTM D5185(m)	>40	<b>0</b>	0	<1
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

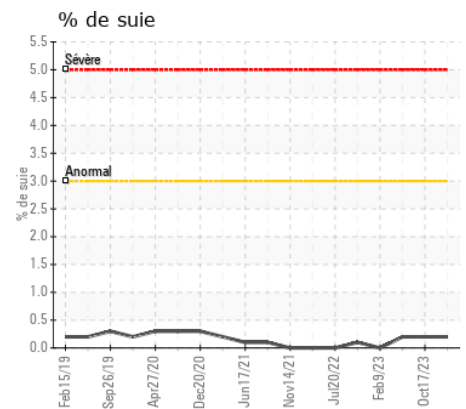
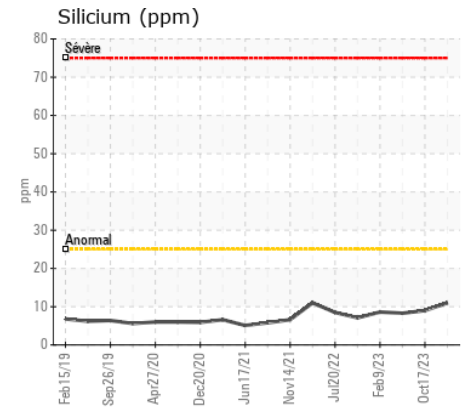
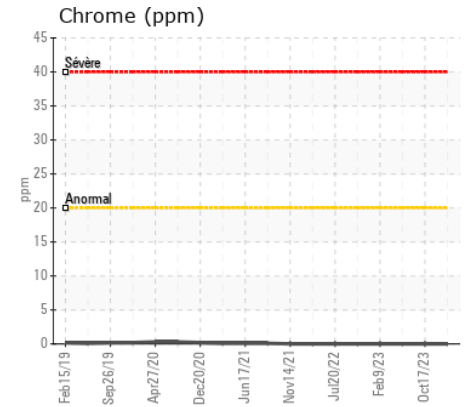
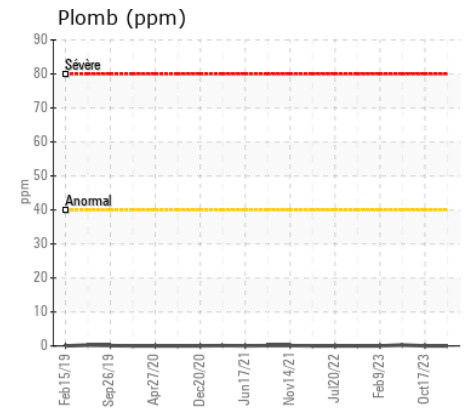
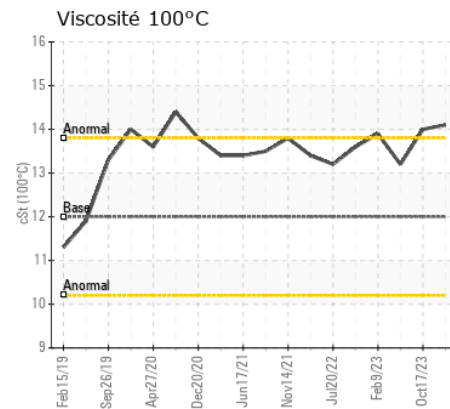
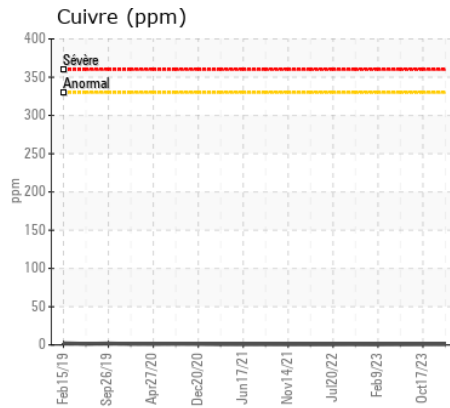
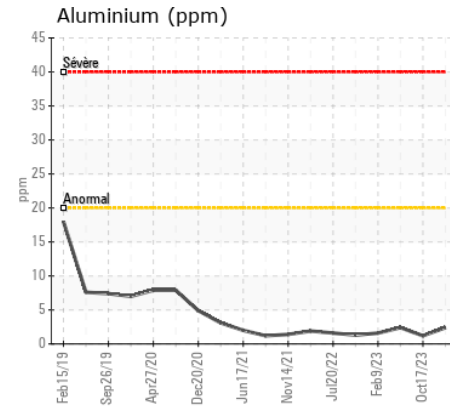
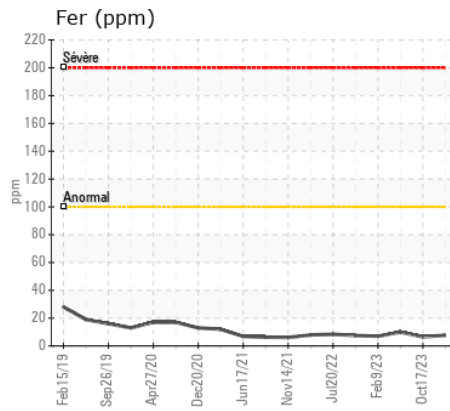
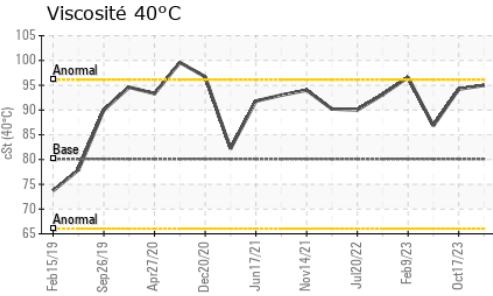
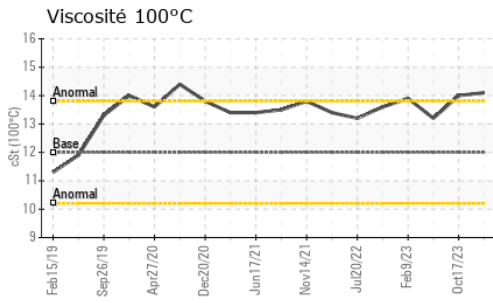
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>11</b>	9	8
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	<1	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>0.2</b>	0.2	0.2
Nitration	Abs/cm	ASTM D7624*	>20	<b>7.6</b>	7.4	7.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>19.1</b>	20.2	21.7
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	1
Bore	ppm	ASTM D5185(m)	2	<b>&lt;1</b>	2	5
Baryum	ppm	ASTM D5185(m)	0	<b>0</b>	<1	0
Molybdène	ppm	ASTM D5185(m)	50	<b>59</b>	56	57
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	0	<1
Magnésium	ppm	ASTM D5185(m)	950	<b>950</b>	921	903
Calcium	ppm	ASTM D5185(m)	1050	<b>1076</b>	1167	1360
Phosphore	ppm	ASTM D5185(m)	995	<b>1001</b>	998	1111
Zinc	ppm	ASTM D5185(m)	1180	<b>1196</b>	1207	1227
Soufre	ppm	ASTM D5185(m)	2600	<b>2711</b>	2539	2775
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>15.1</b>	15.5	17.3
Visc 40°C	cSt	ASTM D7279(m)	80.1	<b>95.0</b>	94.2	86.8
Visc 100°C	cSt	ASTM D7279(m)	12.00	<b>14.1</b>	14.0	13.2
Indice de viscosité (VI)	Scale	ASTM D2270*	144	<b>152</b>	152	152



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**  
**N° d'échantillon** : PC0083533 **Reçu** : 08 Jan 2024 270 RUE BRUNET  
**N° de laboratoire** : 02606959 **Diagnostiqué** : 09 Jan 2024 MONT ST-HILAIRE, QC  
**Numéro unique** : 5708045 **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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