



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

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		PC0084195	PC0083533	PC0071576
Date d'échant.		Client Info		20 Jun 2024	07 Jan 2024	17 Oct 2023
Âge d la Machine	hrs	Client Info		10302	9810	9315
Âge de l'huile	hrs	Client Info		0	0	0
Âge du filtre	hrs	Client Info		0	0	0
Huile changée		Client Info		N/A	N/A	N/A
Filtre changé		Client Info		N/A	N/A	N/A
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	16	8	6
Chrome	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>4	0	0	0
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	<1	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	3	2	1
Plomb	ppm	ASTM D5185(m)	>40	0	0	0
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	<1
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

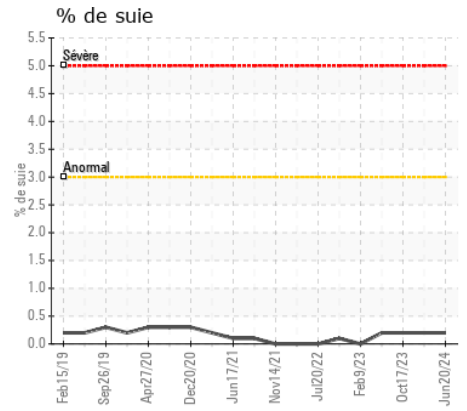
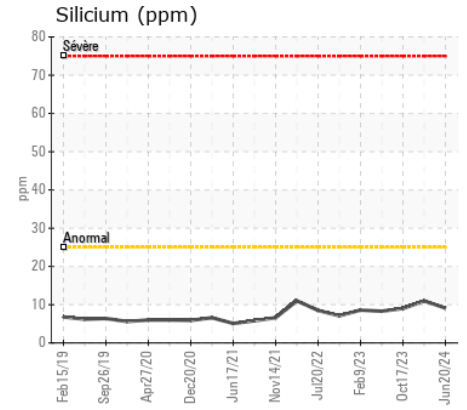
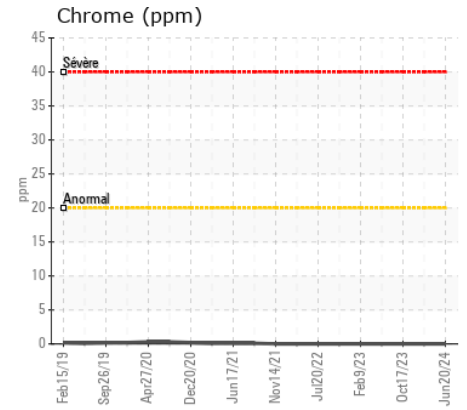
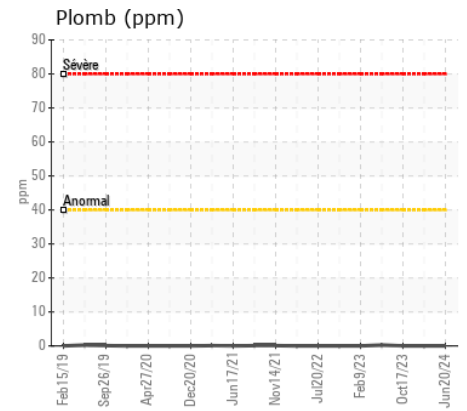
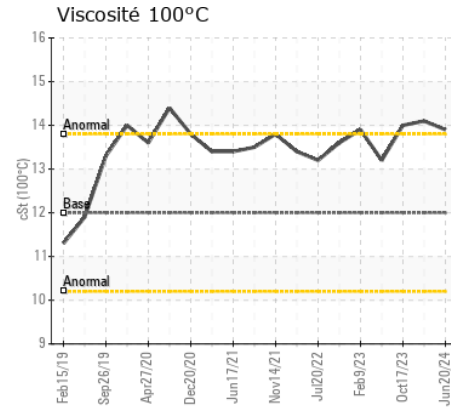
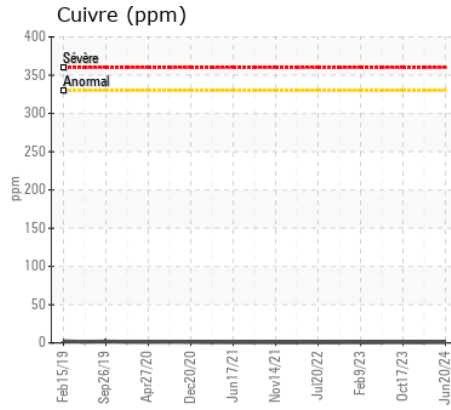
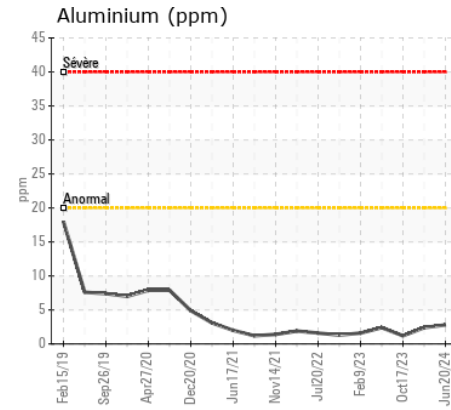
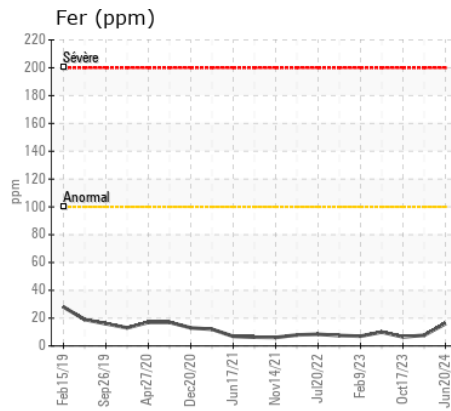
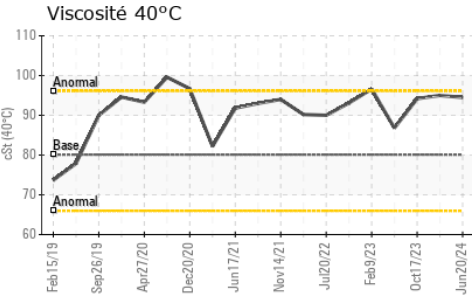
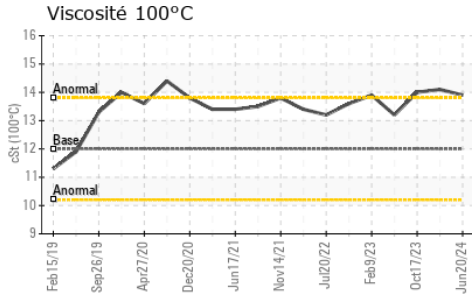
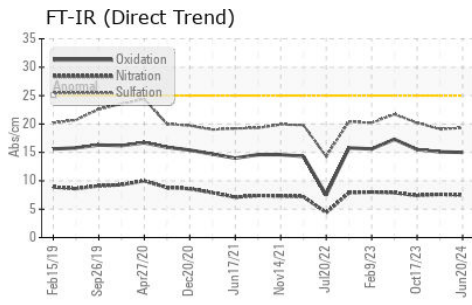
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	9	11	9
Potassium	ppm	ASTM D5185(m)	>20	1	1	<1
Essence		WC Method	>5	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.2	0.2	0.2
Nitration	Abs/cm	ASTM D7624*	>20	7.5	7.6	7.4
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.3	19.1	20.2
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		1	2	2
Bore	ppm	ASTM D5185(m)	2	1	<1	2
Baryum	ppm	ASTM D5185(m)	0	0	0	<1
Molybdène	ppm	ASTM D5185(m)	50	58	59	56
Manganèse	ppm	ASTM D5185(m)	0	<1	0	0
Magnésium	ppm	ASTM D5185(m)	950	954	950	921
Calcium	ppm	ASTM D5185(m)	1050	1095	1076	1167
Phosphore	ppm	ASTM D5185(m)	995	998	1001	998
Zinc	ppm	ASTM D5185(m)	1180	1208	1196	1207
Soufre	ppm	ASTM D5185(m)	2600	2585	2711	2539
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.0	15.1	15.5
Visc 40°C	cSt	ASTM D7279(m)	80.1	94.5	95.0	94.2
Visc 100°C	cSt	ASTM D7279(m)	12.00	13.9	14.1	14.0
Indice de viscosité (VI)	Scale	ASTM D2270*	144	149	152	152



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**N° d'échantillon** : PC0084195

**N° de laboratoire** : 02643365

**Numéro unique** : 5800904

**Analyse** : MOB 1 ( Additional Tests: KV40, VI, Visual )

**Reçu** : 21 Jun 2024

**Tested** : 21 Jun 2024

**Diagnostiqué** : 21 Jun 2024 - Wes Davis

**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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