



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

MICHAUDVILLE

Identité de la machine

5107

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		PC0085229	PC0078113	PC0071472
Date d'échant.		Client Info		21 Apr 2024	02 Oct 2023	15 Feb 2023
Âge d la Machine	hrs	Client Info		1632	1398	1153
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	22	16	26
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	0	0
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	0	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	3	2	3
Plomb	ppm	ASTM D5185(m)	>40	0	<1	0
Cuivre	ppm	ASTM D5185(m)	>330	4	2	2
Étain	ppm	ASTM D5185(m)	>15	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	VLITE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

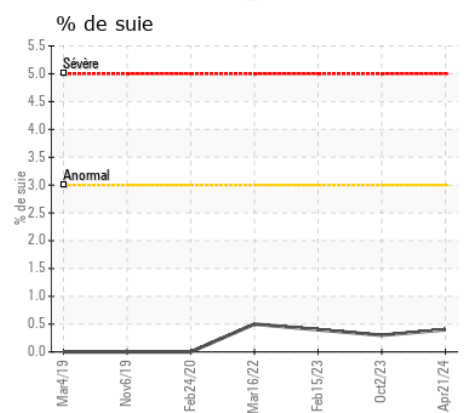
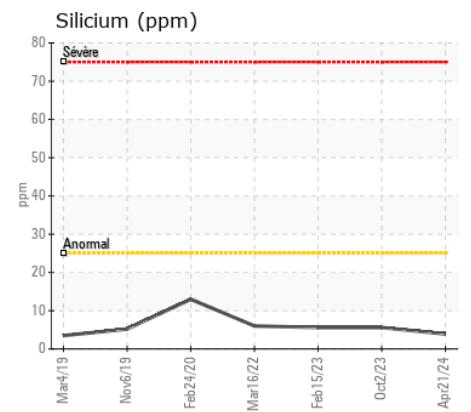
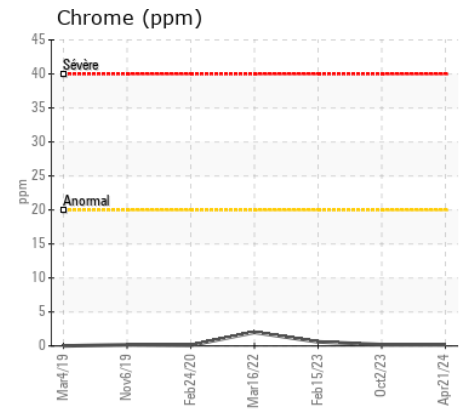
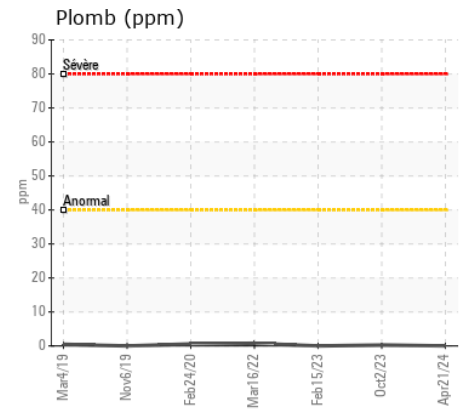
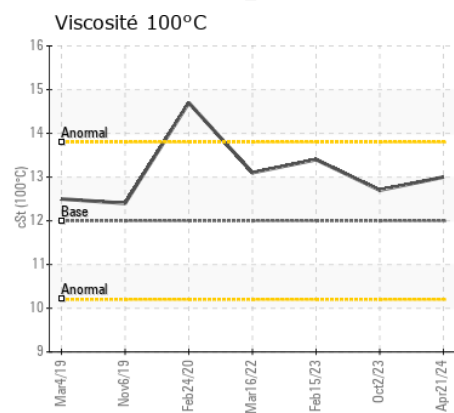
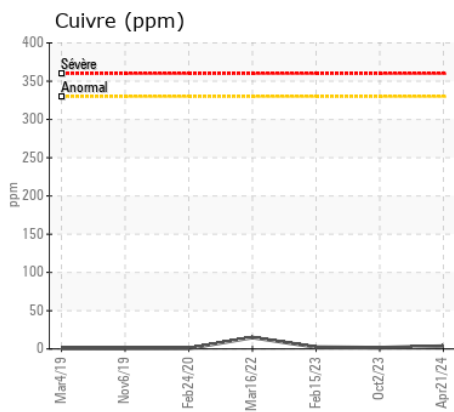
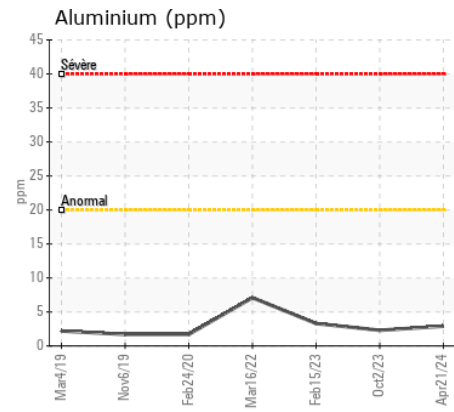
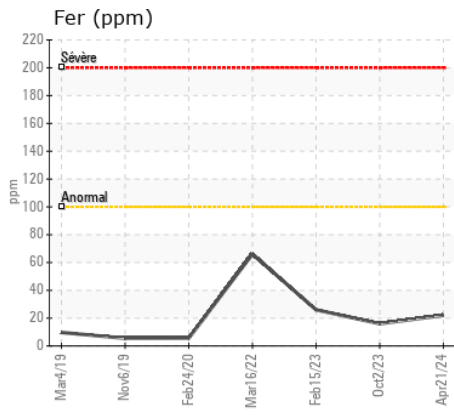
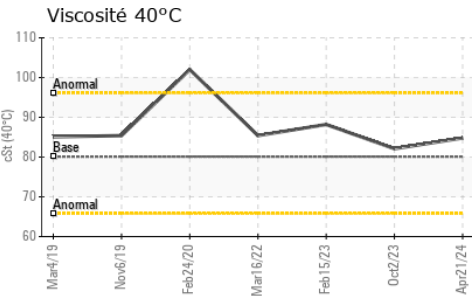
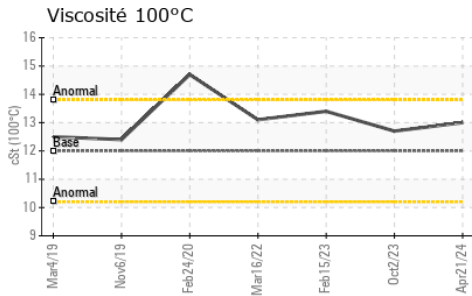
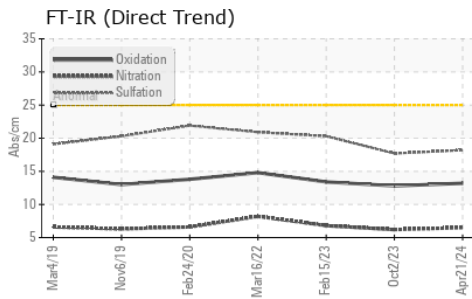
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	4	6	6
Potassium	ppm	ASTM D5185(m)	>20	0	0	0
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	0.4	0.3	0.4
Nitration	Abs/cm	ASTM D7624*	>20	6.5	6.2	6.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.2	17.7	20.3
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	2	3	2
Baryum	ppm	ASTM D5185(m)	0	0	<1	0
Molybdène	ppm	ASTM D5185(m)	50	57	57	58
Manganèse	ppm	ASTM D5185(m)	0	<1	0	<1
Magnésium	ppm	ASTM D5185(m)	950	916	923	931
Calcium	ppm	ASTM D5185(m)	1050	1049	1074	1134
Phosphore	ppm	ASTM D5185(m)	995	942	971	1069
Zinc	ppm	ASTM D5185(m)	1180	1114	1165	1156
Soufre	ppm	ASTM D5185(m)	2600	2381	2479	2623
Oxydation	Abs/.1mm	ASTM D7414*	>25	13.2	12.8	13.4
Visc 40°C	cSt	ASTM D7279(m)	80.1	84.8	82.1	88.2
Visc 100°C	cSt	ASTM D7279(m)	12.00	13.0	12.7	13.4
Indice de viscosité (VI)	Scale	ASTM D2270*	144	153	153	153



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0085229
N° de laboratoire : 02630475
Numéro unique : 5763607
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

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.