



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

MICHAUDVILLE

Identité de la machine

5106

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		PC0088531	PC0071930	PC0053885
Date d'échant.		Client Info		03 Apr 2024	29 Jan 2023	06 Feb 2022
Âge d la Machine	hrs	Client Info		1366	903	426
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	41	39	31
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	1
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titane	ppm	ASTM D5185(m)		0	<1	0
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	4	6	7
Plomb	ppm	ASTM D5185(m)	>40	0	<1	0
Cuivre	ppm	ASTM D5185(m)	>330	4	4	5
Étain	ppm	ASTM D5185(m)	>15	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	---	VLITE
Bronze	scalar	Visual*	NONE	NONE	---	NONE

CONTAMINATION

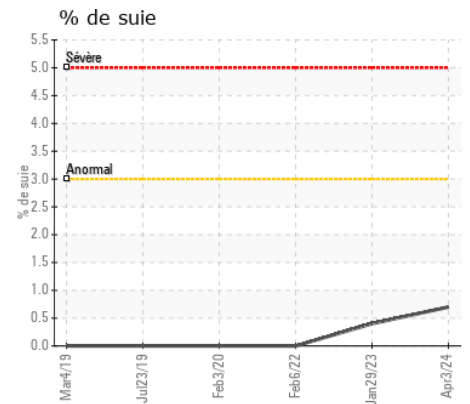
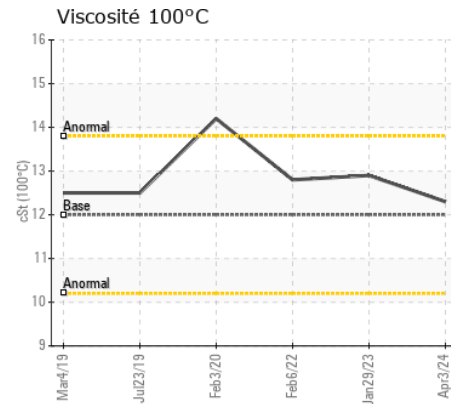
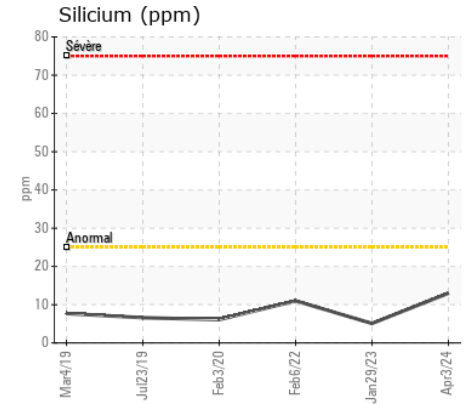
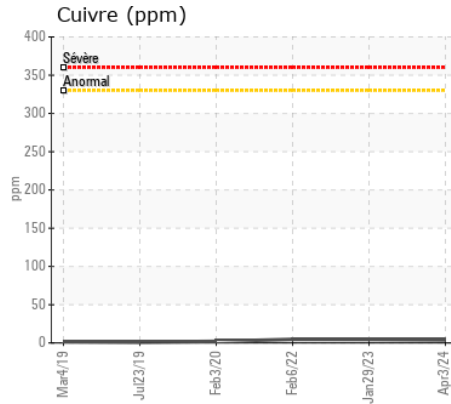
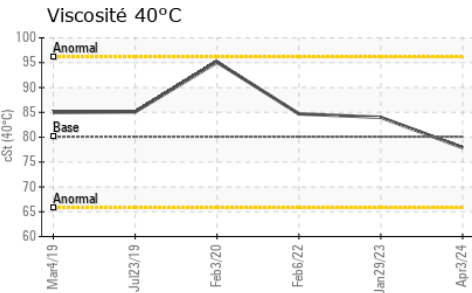
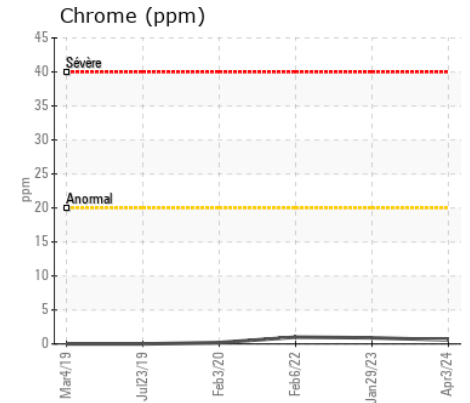
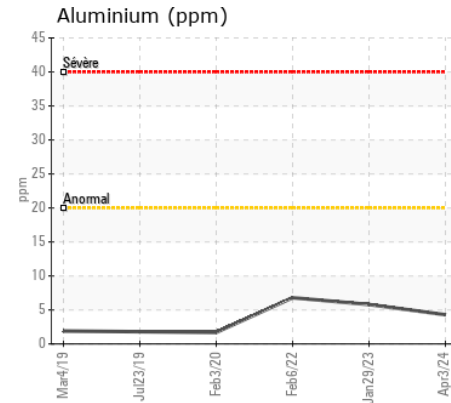
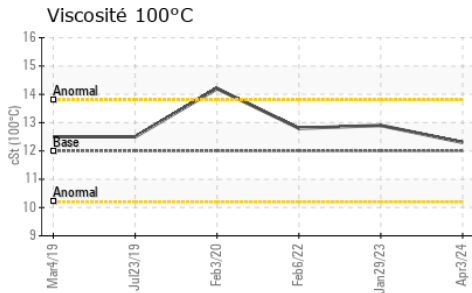
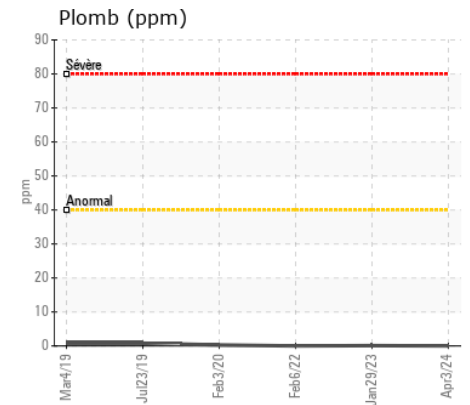
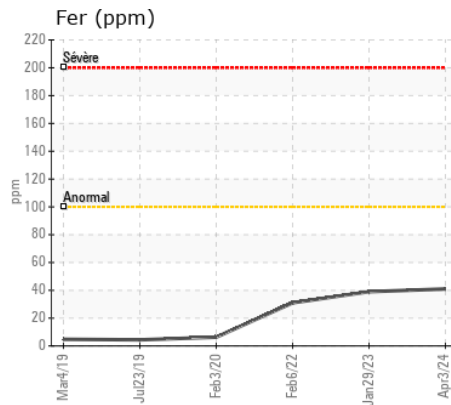
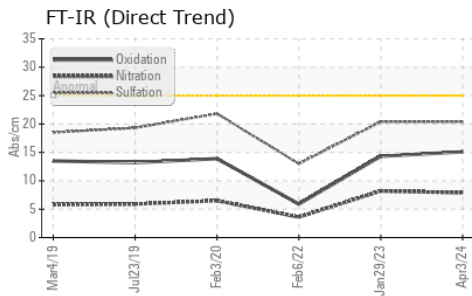
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	13	5	11
Potassium	ppm	ASTM D5185(m)	>20	<1	0	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	0.7	0.4	0
Nitration	Abs/cm	ASTM D7624*	>20	7.9	8.2	3.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.4	20.4	13.0
Limon	scalar	Visual*	NONE	NONE	---	NONE
Débris	scalar	Visual*	NONE	VLITE	---	NONE
Saleté	scalar	Visual*	NONE	NONE	---	NONE
Apparence	scalar	Visual*	NORML	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)		2	2	3
Bore	ppm	ASTM D5185(m)	2	2	5	13
Baryum	ppm	ASTM D5185(m)	0	0	0	0
Molybdène	ppm	ASTM D5185(m)	50	53	56	49
Manganèse	ppm	ASTM D5185(m)	0	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	866	912	829
Calcium	ppm	ASTM D5185(m)	1050	1122	1129	1217
Phosphore	ppm	ASTM D5185(m)	995	918	1040	999
Zinc	ppm	ASTM D5185(m)	1180	1095	1173	1185
Soufre	ppm	ASTM D5185(m)	2600	2311	2511	2666
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.1	14.3	5.9
Visc 40°C	cSt	ASTM D7279(m)	80.1	77.9	84.0	84.7
Visc 100°C	cSt	ASTM D7279(m)	12.00	12.3	12.9	12.8
Indice de viscosité (VI)	Scale	ASTM D2270*	144	155	153	149



ISO 17025:2017
Accredited
Laboratory

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

N° d'échantillon : PC0088531

N° de laboratoire : 02626568

Numéro unique : 5759700

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

Reçu : 04 Apr 2024

Tested : 05 Apr 2024

Diagnostiqué : 05 Apr 2024 - Wes Davis

LES ENTREPRISES MICHAUVILLE INC.

270 RUE BRUNET

MONT ST-HILAIRE, QC

CA J3H 0M6

Contact: Martin Trudel

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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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