



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE

Identité de la machine

1206

Composant

Moteur diesel

Fluide

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		PC0075870	PC0075996	PC0071533
Date d'échant.		Client Info		10 Oct 2023	20 Jun 2023	23 Feb 2023
Âge d la Machine	hrs	Client Info		483	341966	330131
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

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>100	8	5	4
Chrome	ppm	ASTM D5185(m)	>20	0	<1	0
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>20	5	3	2
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

CONTAMINATION

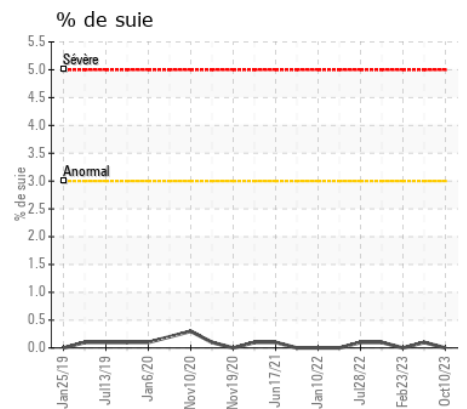
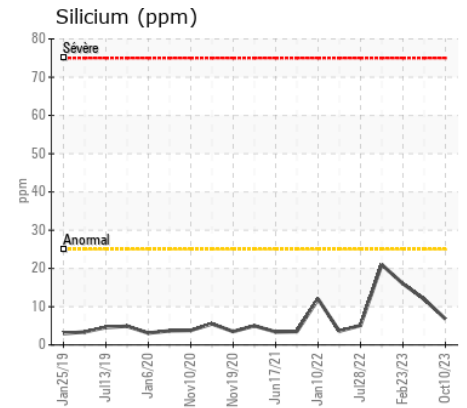
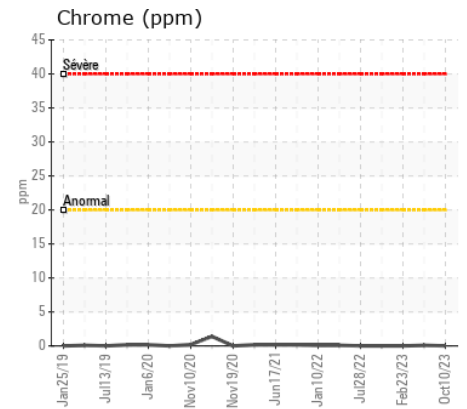
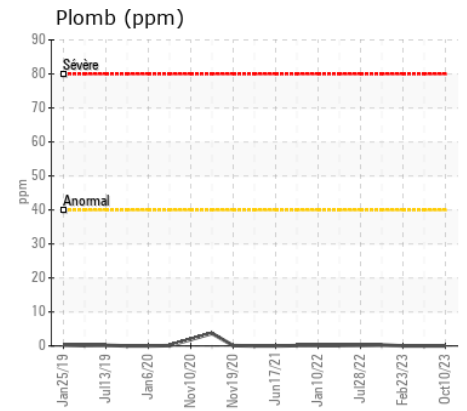
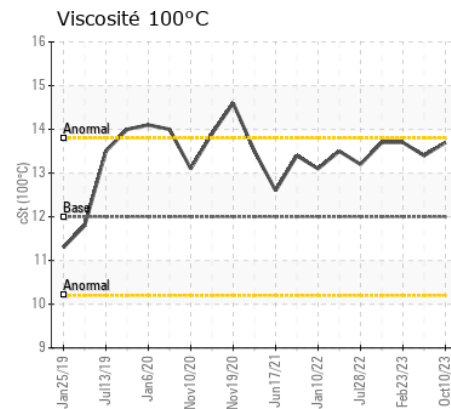
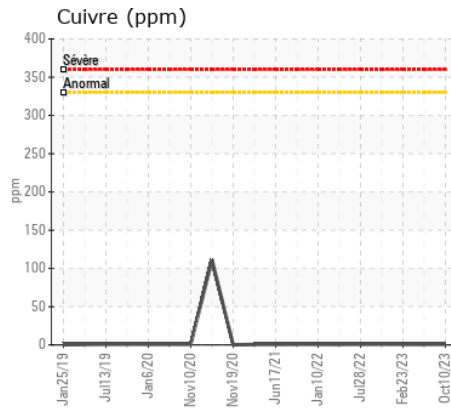
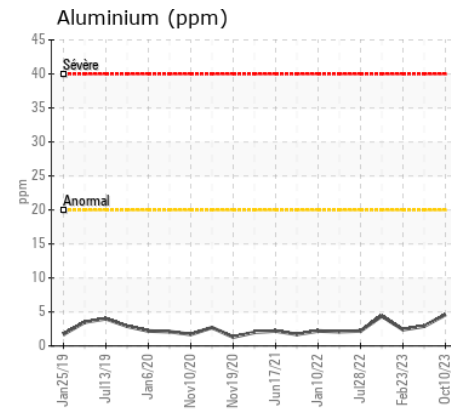
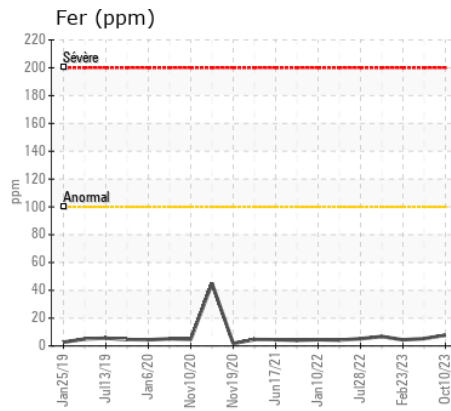
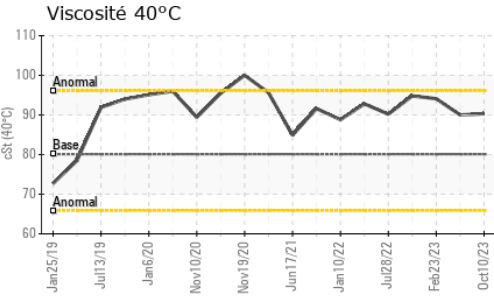
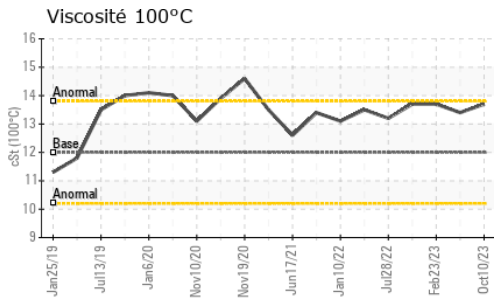
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	7	12	16
Potassium	ppm	ASTM D5185(m)	>20	6	2	1
Essence		WC Method	>5	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0	0.1	0
Nitration	Abs/cm	ASTM D7624*	>20	6.8	7.4	7.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	22.6	18.5	20.2
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	<1	1
Bore	ppm	ASTM D5185(m)	2	1	2	2
Baryum	ppm	ASTM D5185(m)	0	<1	0	0
Molybdène	ppm	ASTM D5185(m)	50	56	58	59
Manganèse	ppm	ASTM D5185(m)	0	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	917	954	968
Calcium	ppm	ASTM D5185(m)	1050	1127	1091	1130
Phosphore	ppm	ASTM D5185(m)	995	1006	1091	1100
Zinc	ppm	ASTM D5185(m)	1180	1184	1160	1198
Soufre	ppm	ASTM D5185(m)	2600	2644	2660	2701
Oxydation	Abs/.1mm	ASTM D7414*	>25	20.9	14.6	14.9
Visc 40°C	cSt	ASTM D7279(m)	80.1	90.3	90.0	94.1
Visc 100°C	cSt	ASTM D7279(m)	12.00	13.7	13.4	13.7
Indice de viscosité (VI)	Scale	ASTM D2270*	144	154	149	147



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.
N° d'échantillon : PC0075870 **Reçu** : 11 Oct 2023
N° de laboratoire : 02588103 **Diagnostiqué** : 11 Oct 2023
Numéro unique : 5657169 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI)

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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