



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE

Identité de la machine

1505

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		PC0078428	PC0077390	PC0075810
Date d'échant.		Client Info		10 Dec 2023	13 Sep 2023	07 Jun 2023
Âge d la Machine	hrs	Client Info		4187	3774	3328
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	21	17
Chrome	ppm	ASTM D5185(m)	>20	0	<1	0
Nickel	ppm	ASTM D5185(m)	>4	0	0	0
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	<1	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	3	2	4
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	NONE	---
Bronze	scalar	Visual*	NONE	NONE	VLITE	---

CONTAMINATION

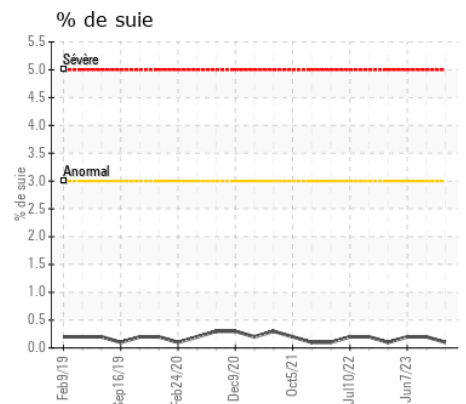
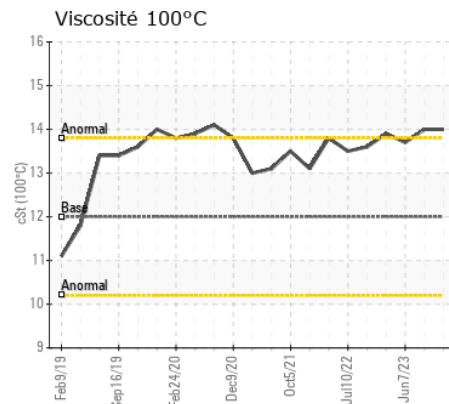
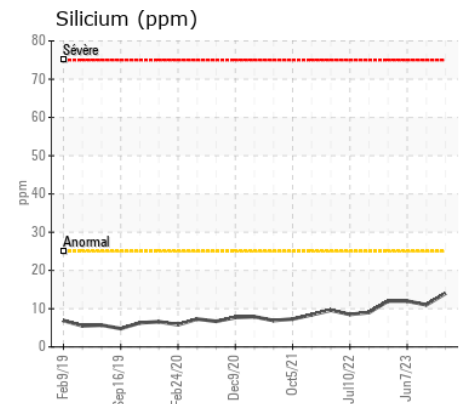
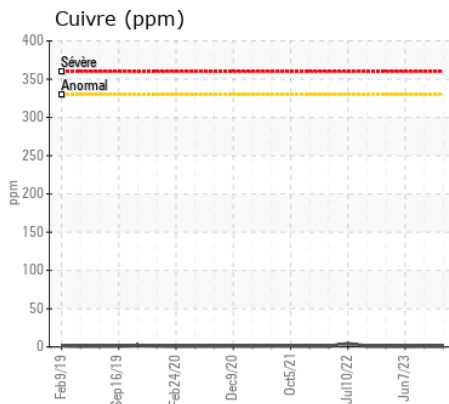
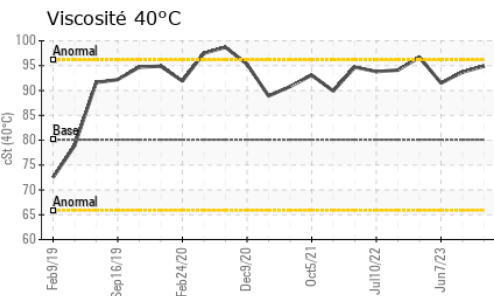
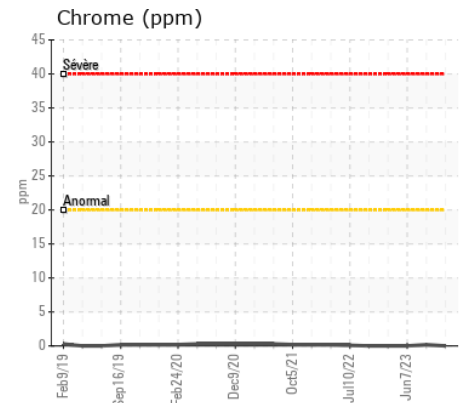
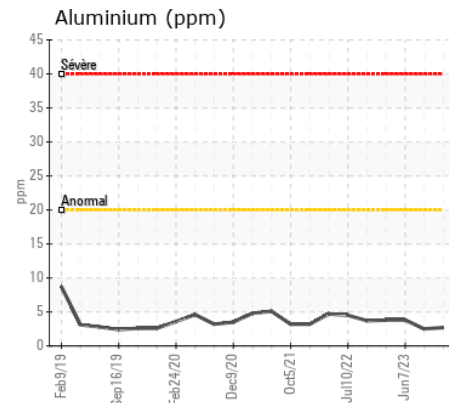
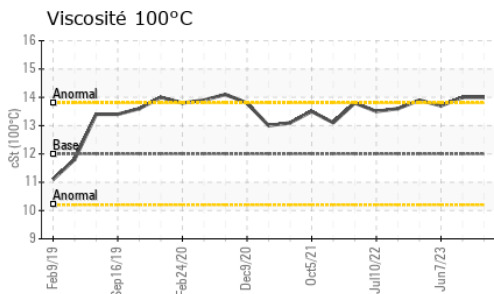
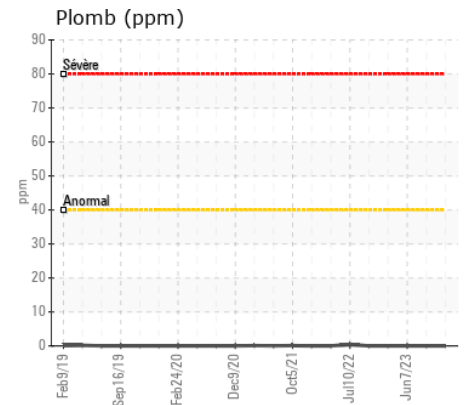
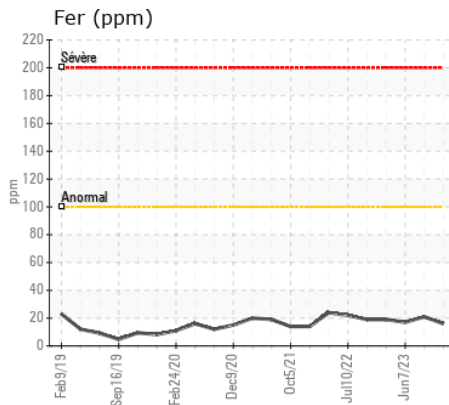
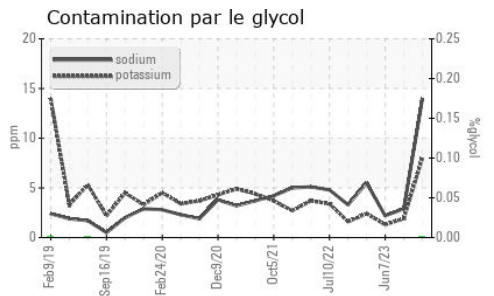
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	14	11	12
Potassium	ppm	ASTM D5185(m)	>20	8	2	1
Essence		WC Method	>5	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol	%	ASTM D7922*		0.0	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.1	0.2	0.2
Nitration	Abs/cm	ASTM D7624*	>20	7.0	7.2	7.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.7	19.9	19.5
Limon	scalar	Visual*	NONE	NONE	VLITE	---
Débris	scalar	Visual*	NONE	NONE	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)		14	3	2
Bore	ppm	ASTM D5185(m)	2	1	<1	2
Baryum	ppm	ASTM D5185(m)	0	<1	0	0
Molybdène	ppm	ASTM D5185(m)	50	62	56	60
Manganèse	ppm	ASTM D5185(m)	0	0	<1	<1
Magnésium	ppm	ASTM D5185(m)	950	979	926	976
Calcium	ppm	ASTM D5185(m)	1050	1074	1136	1209
Phosphore	ppm	ASTM D5185(m)	995	991	1059	1124
Zinc	ppm	ASTM D5185(m)	1180	1197	1202	1248
Soufre	ppm	ASTM D5185(m)	2600	2537	2550	2709
Oxydation	Abs/.1mm	ASTM D7414*	>25	14.6	15.3	15.3
Visc 40°C	cSt	ASTM D7279(m)	80.1	94.9	93.7	91.5
Visc 100°C	cSt	ASTM D7279(m)	12.00	14.0	14.0	13.7
Indice de viscosité (VI)	Scale	ASTM D2270*	144	150	152	152



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**
N° d'échantillon : PC0078428 **Reçu** : 13 Dec 2023 270 RUE BRUNET
N° de laboratoire : 02602758 **Diagnostiqué** : 14 Dec 2023 MONT ST-HILAIRE, QC
Numéro unique : 5695843 **Diagnostiqueur** : Kevin Marson CA J3H 0M6
Analyse : MOB 1 (Additional Tests: Glycol, KV40, VI, Visual) Contact: Martin Trudel
 Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131. mtrudel@michaudville.com
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T:
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada. F: