



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE
Identité de la machine
5038

Composant
Moteur diesel
Fluide
DIESEL ENGINE OIL SAE 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		PC0082478	PC0056750	PC0045200
Date d'échant.		Client Info		14 Nov 2023	16 Mar 2022	15 Sep 2021
Âge d la Machine	hrs	Client Info		8719	7848	7912
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	10	9	7
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>20	1	1	1
Plomb	ppm	ASTM D5185(m)	>40	0	0	0
Cuivre	ppm	ASTM D5185(m)	>330	3	1	2
Étain	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

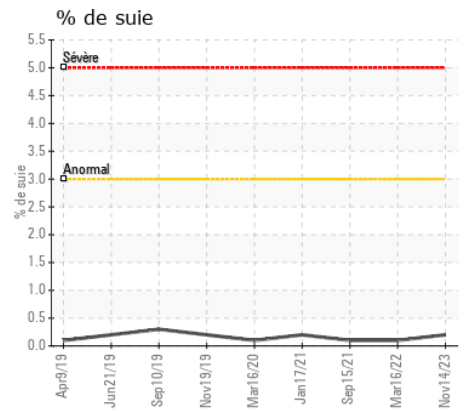
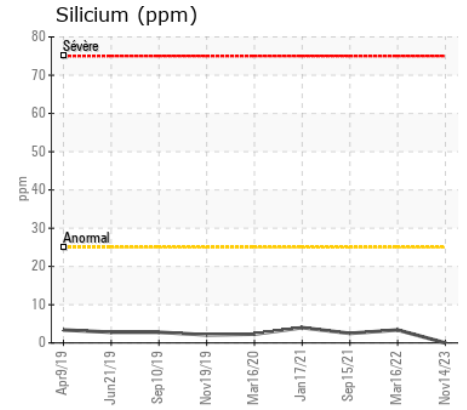
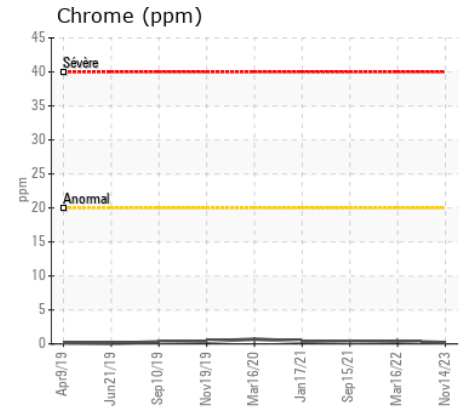
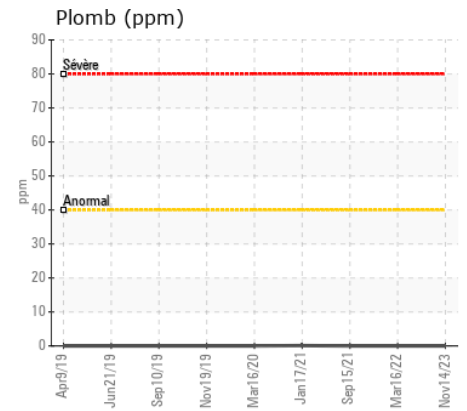
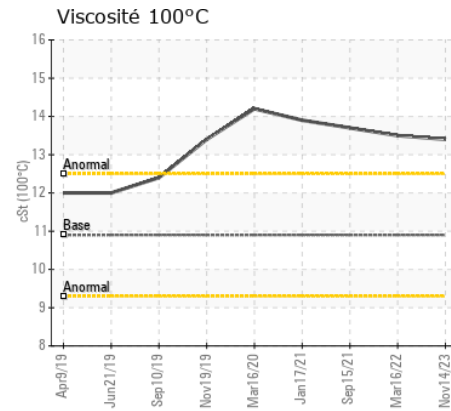
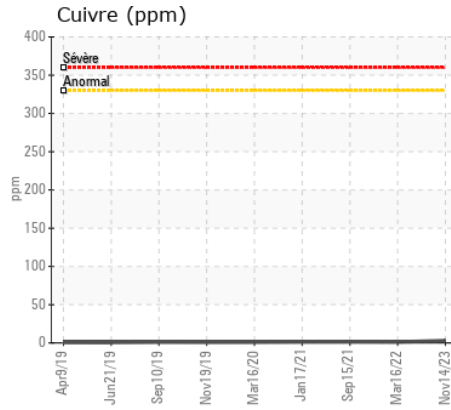
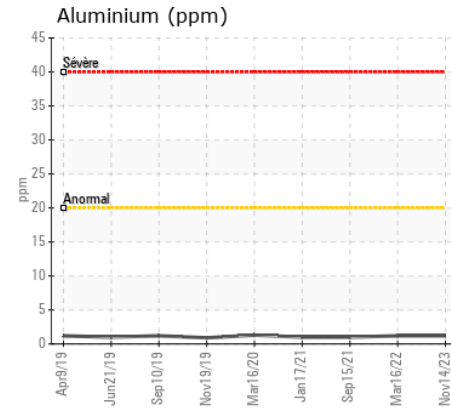
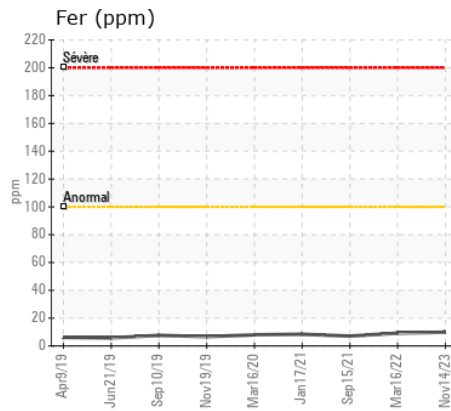
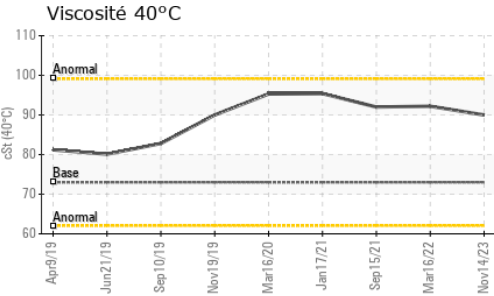
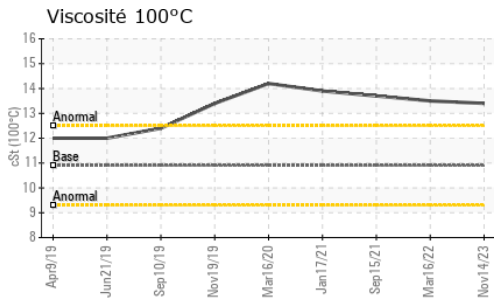
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	0	3	2
Potassium	ppm	ASTM D5185(m)	>20	0	<1	<1
Essence		WC Method	>5	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.2	0.1	0.1
Nitration	Abs/cm	ASTM D7624*	>20	5.8	5.8	5.5
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.3	19.5	18.9
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	1
Bore	ppm	ASTM D5185(m)	250	2	2	2
Baryum	ppm	ASTM D5185(m)	10	<1	0	0
Molybdène	ppm	ASTM D5185(m)	100	56	57	56
Manganèse	ppm	ASTM D5185(m)		0	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	932	988	945
Calcium	ppm	ASTM D5185(m)	3000	1061	1123	1081
Phosphore	ppm	ASTM D5185(m)	1150	984	1081	1057
Zinc	ppm	ASTM D5185(m)	1350	1158	1234	1199
Soufre	ppm	ASTM D5185(m)	4250	2504	2702	2650
Oxydation	Abs/.1mm	ASTM D7414*	>25	13.3	13.3	13.6
Visc 40°C	cSt	ASTM D7279(m)	73	90.0	92.2	92.0
Visc 100°C	cSt	ASTM D7279(m)	10.9	13.4	13.5	13.7
Indice de viscosité (VI)	Scale	ASTM D2270*	138	149	147	151



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**
N° d'échantillon : PC0082478 **Reçu** : 15 Nov 2023 270 RUE BRUNET
N° de laboratoire : 02596472 **Diagnostiqué** : 15 Nov 2023 MONT ST-HILAIRE, QC
Numéro unique : 5681552 **Diagnostiqueur** : Wes Davis CA J3H 0M6
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual) Contact: Martin Trudel

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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