



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

MICHAUDVILLE

Identité de la machine

5526

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		PC0082290	PC0038920	PC0021791
Date d'échant.		Client Info		15 Oct 2023	17 Feb 2021	06 Dec 2019
Âge d la Machine	hrs	Client Info		10225	8750	7982
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	Changed	Changed
Filtre changé		Client Info		N/A	Changed	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	39	26	14
Chrome	ppm	ASTM D5185(m)	>20	1	1	<1
Nickel	ppm	ASTM D5185(m)	>4	0	<1	0
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	2	2	2
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	1	1	<1
Étain	ppm	ASTM D5185(m)	>15	0	<1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	VLITE	NONE	VLITE
Bronze	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

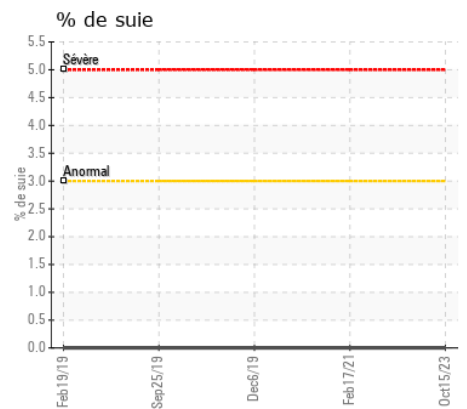
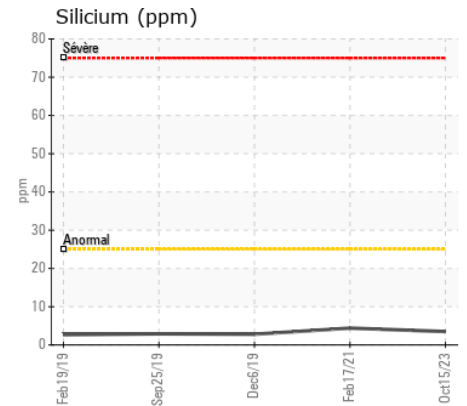
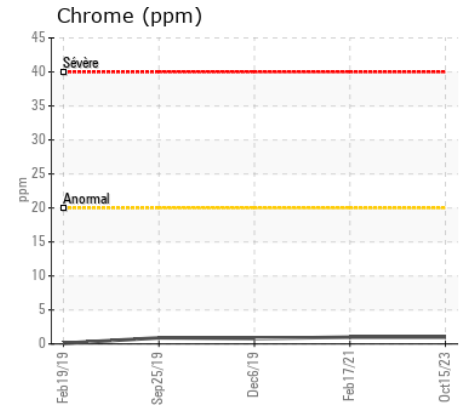
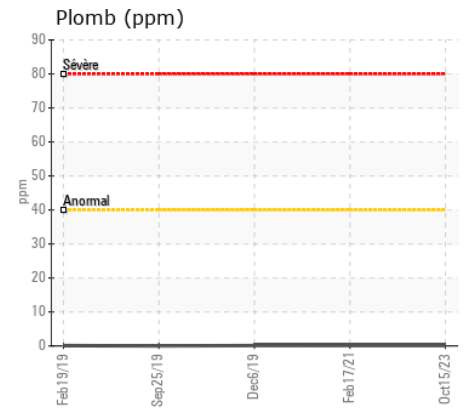
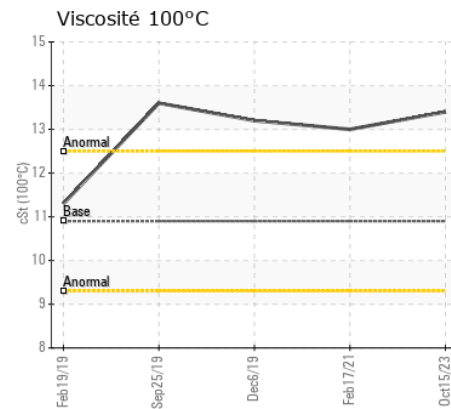
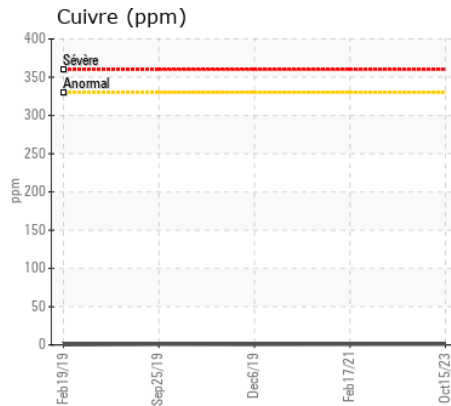
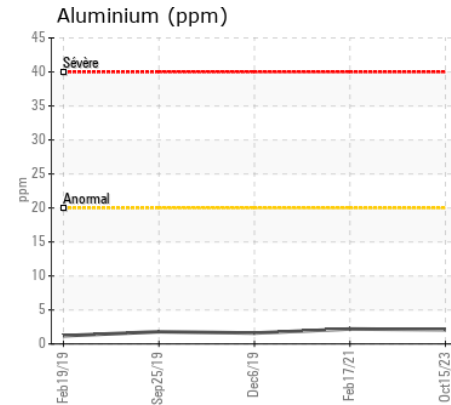
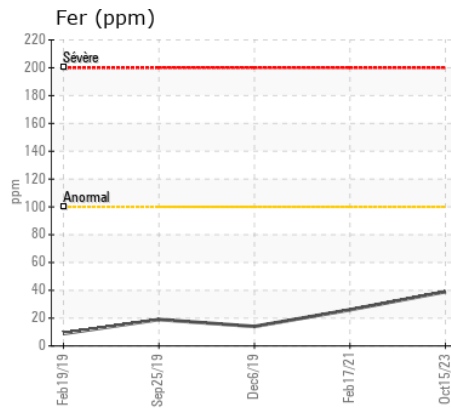
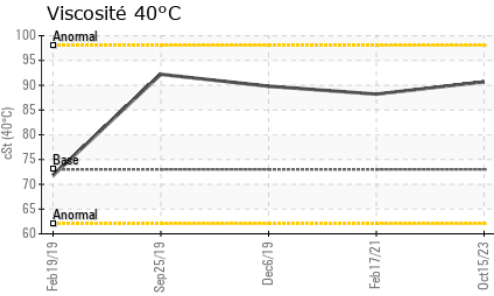
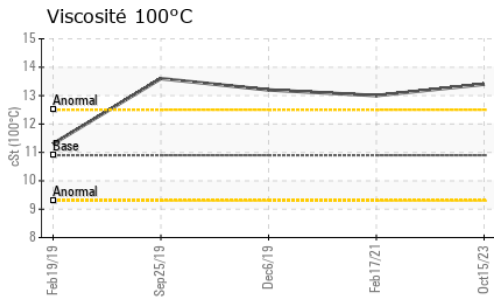
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	4	4	3
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	0	0
Nitration	Abs/cm	ASTM D7624*	>20	7.4	7.8	7.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.4	19.4	22.2
Limon	scalar	Visual*	NONE	VLITE	NONE	NONE
Débris	scalar	Visual*	NONE	NONE	NONE	NONE
Saleté	scalar	Visual*	NONE	NONE	VLITE	NONE
Apparence	scalar	Visual*	NORML	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	<1
Bore	ppm	ASTM D5185(m)	250	1	1	2
Baryum	ppm	ASTM D5185(m)	10	<1	0	0
Molybdène	ppm	ASTM D5185(m)	100	59	58	59
Manganèse	ppm	ASTM D5185(m)		0	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	966	978	988
Calcium	ppm	ASTM D5185(m)	3000	1149	1073	1096
Phosphore	ppm	ASTM D5185(m)	1150	1027	999	1020
Zinc	ppm	ASTM D5185(m)	1350	1217	1276	1234
Soufre	ppm	ASTM D5185(m)	4250	2558	2619	2601
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.2	15.7	14.8
Visc 40°C	cSt	ASTM D7279(m)	73	90.7	88.2	89.8
Visc 100°C	cSt	ASTM D7279(m)	10.9	13.4	13	13.2
Indice de viscosité (VI)	Scale	ASTM D2270*	138	148	146	146



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.
N° d'échantillon : PC0082290 **Reçu** : 16 Oct 2023
N° de laboratoire : 02589203 **Diagnostiqué** : 16 Oct 2023
Numéro unique : 5658269 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

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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