



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		PC0072072	PC0082290	PC0038920
Date d'échant.		Client Info		31 Oct 2023	15 Oct 2023	17 Feb 2021
Âge d la Machine	hrs	Client Info		10238	10225	8750
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	Changed
Filtre changé		Client Info		N/A	N/A	Changed
Statut de l'échant.				ABNORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	17	39	26
Chrome	ppm	ASTM D5185(m)	>20	2	1	1
Nickel	ppm	ASTM D5185(m)	>4	<1	0	<1
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>20	4	2	2
Plomb	ppm	ASTM D5185(m)	>40	1	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	6	1	1
Étain	ppm	ASTM D5185(m)	>15	0	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

Light fuel dilution occurring.

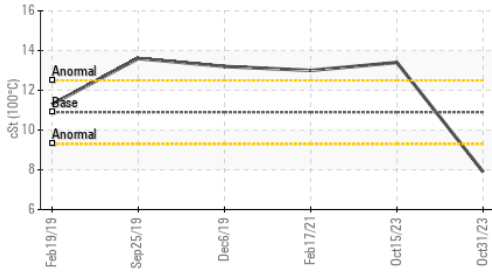
Silicium	ppm	ASTM D5185(m)	>25	11	4	4
Potassium	ppm	ASTM D5185(m)	>20	<1	0	<1
Essence	%	ASTM D7593*	>5	▲ 3.1	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	4.9	7.4	7.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	30.6	19.4	19.4
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

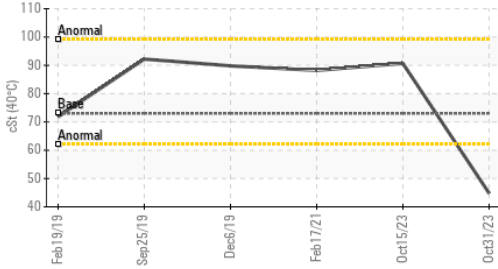
Fuel is present in the oil and is lowering the viscosity. The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		4	2	2
Bore	ppm	ASTM D5185(m)	250	5	1	1
Baryum	ppm	ASTM D5185(m)	10	4	<1	0
Molybdène	ppm	ASTM D5185(m)	100	15	59	58
Manganèse	ppm	ASTM D5185(m)		0	0	<1
Magnésium	ppm	ASTM D5185(m)	450	120	966	978
Calcium	ppm	ASTM D5185(m)	3000	2479	1149	1073
Phosphore	ppm	ASTM D5185(m)	1150	920	1027	999
Zinc	ppm	ASTM D5185(m)	1350	1047	1217	1276
Soufre	ppm	ASTM D5185(m)	4250	3410	2558	2619
Oxydation	Abs/.1mm	ASTM D7414*	>25	22.1	15.2	15.7
Visc 40°C	cSt	ASTM D7279(m)	73	▲ 44.8	90.7	88.2
Visc 100°C	cSt	ASTM D7279(m)	10.9	▲ 7.9	13.4	13
Indice de viscosité (VI)	Scale	ASTM D2270*	138	148	148	146

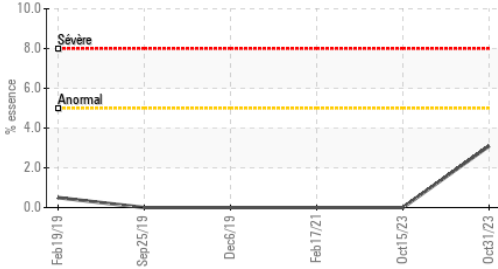
▲ Viscosité 100°C



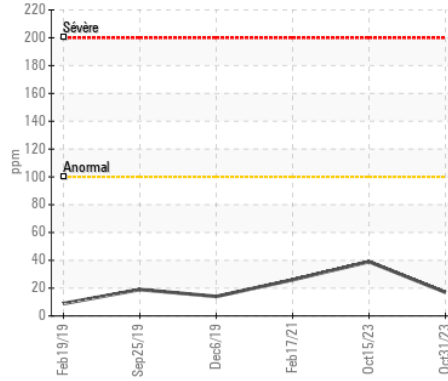
▲ Viscosité 40°C



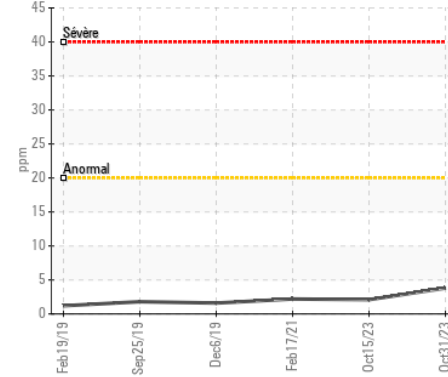
▲ Dilution par le carburant



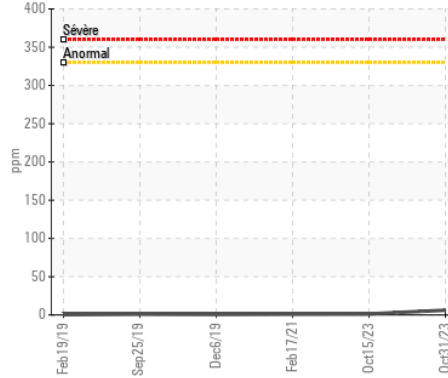
Fer (ppm)



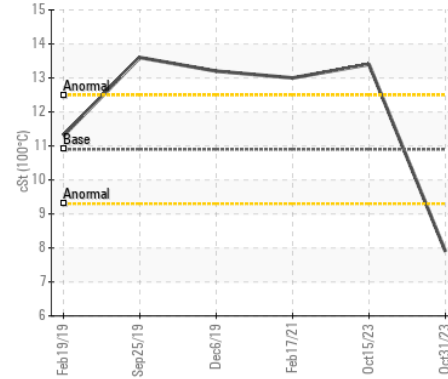
Aluminium (ppm)



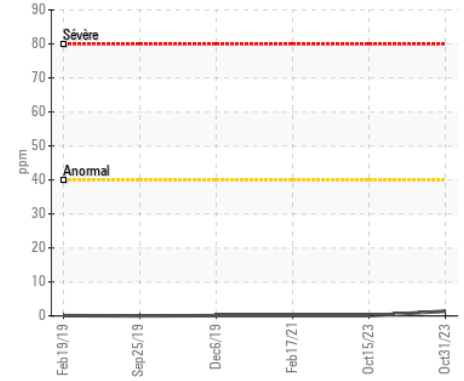
Cuivre (ppm)



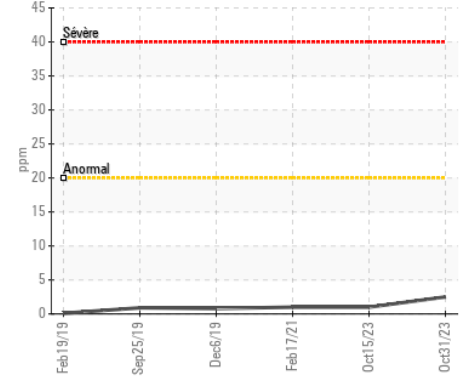
▲ Viscosité 100°C



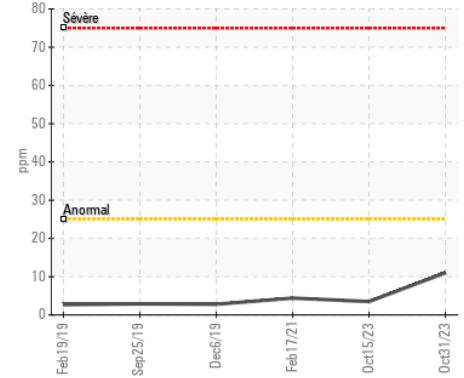
Plomb (ppm)



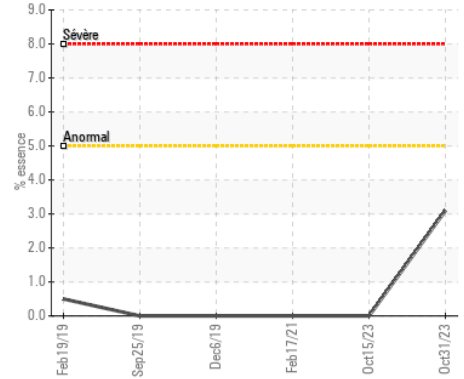
Chrome (ppm)



Silicium (ppm)



▲ Dilution par le carburant



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.
N° d'échantillon : PC0072072 **Reçu** : 01 Nov 2023
N° de laboratoire : 02593283 **Diagnostiqué** : 02 Nov 2023
Numéro unique : 5670362 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1 (Additional Tests: FuelDilution, KV40, PercentFuel, 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.

270 RUE BRUNET
MONT ST-HILAIRE, QC
CA J3H 0M6
Contact: Martin Trudel
mtrudel@michaudville.com

T:
F: