



Identité de la machine

5051

Composant

Moteur diesel

Fluide

DIESEL ENGINE OIL SAE 5W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 5W40. Please confirm.
Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0082574	PC0072141	---
Date d'échant.		Client Info		24 Oct 2023	04 Jun 2023	---
Âge d la Machine	hrs	Client Info		1519	1413	---
Âge de l'huile	hrs	Client Info		0	0	---
Âge du filtre	hrs	Client Info		0	0	---
Huile changée		Client Info		N/A	N/A	---
Filtre changé		Client Info		N/A	N/A	---
Statut de l'échant.				NORMAL	ABNORMAL	---

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	15	37	---
Chrome	ppm	ASTM D5185(m)	>20	<1	1	---
Nickel	ppm	ASTM D5185(m)	>4	3	▲ 13	---
Titane	ppm	ASTM D5185(m)		0	0	---
Argent	ppm	ASTM D5185(m)	>3	<1	0	---
Aluminium	ppm	ASTM D5185(m)	>20	2	2	---
Plomb	ppm	ASTM D5185(m)	>40	<1	2	---
Cuivre	ppm	ASTM D5185(m)	>330	14	77	---
Étain	ppm	ASTM D5185(m)	>15	<1	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

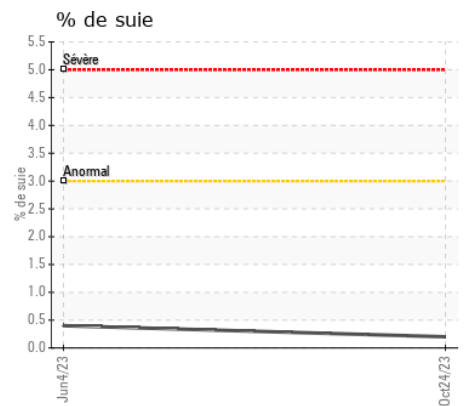
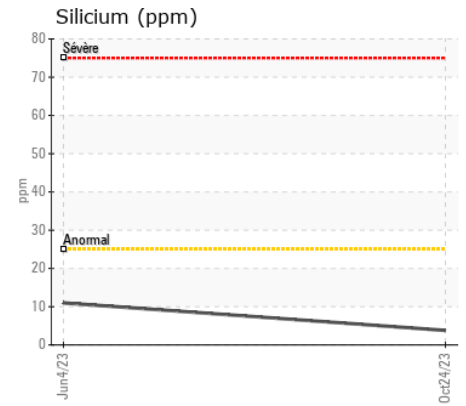
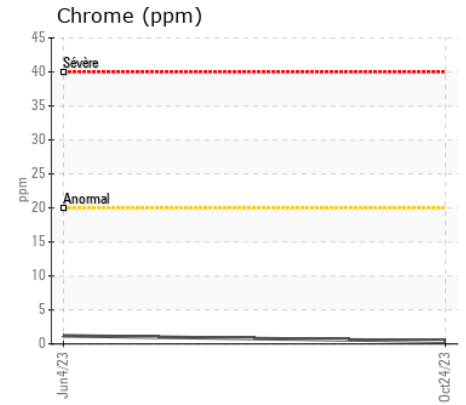
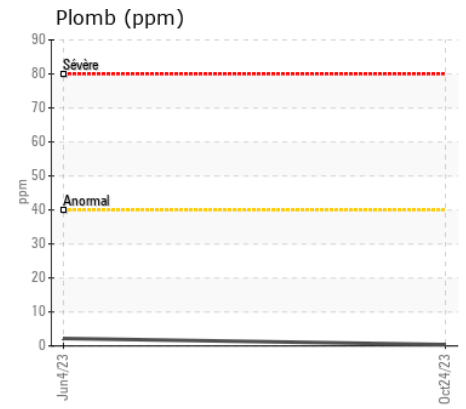
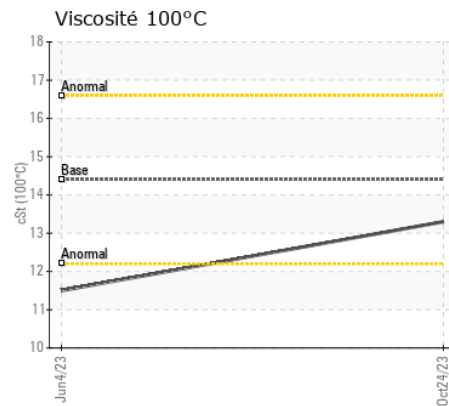
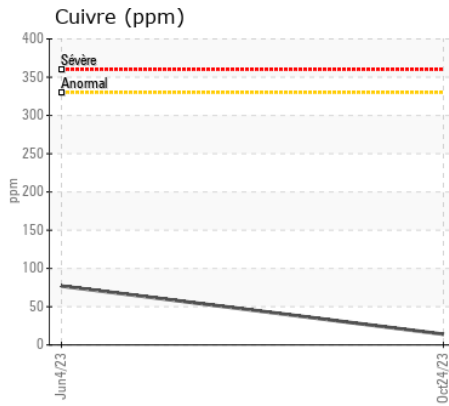
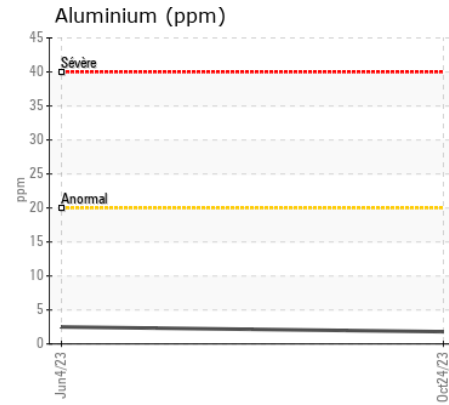
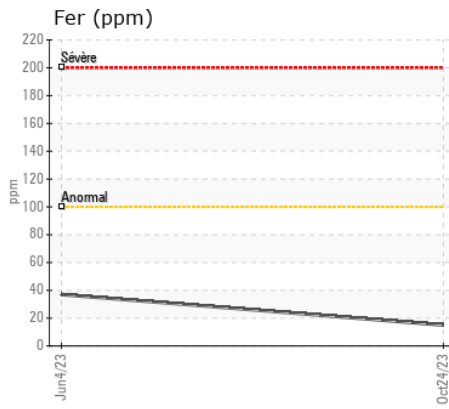
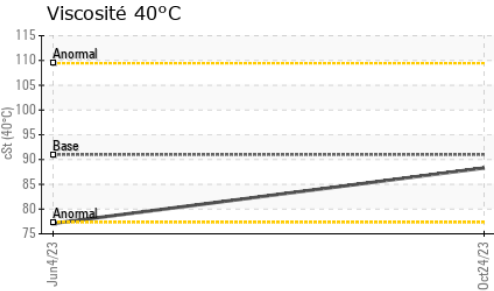
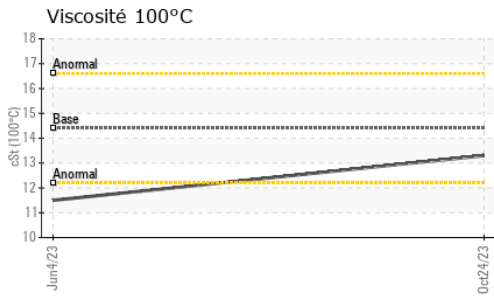
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	4	11	---
Potassium	ppm	ASTM D5185(m)	>20	0	1	---
Essence		WC Method	>5	<1.0	1.9	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>3	0.2	0.4	---
Nitration	Abs/cm	ASTM D7624*	>20	8.4	9.5	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.2	22.9	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	---

ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)	>44	3	3	---
Bore	ppm	ASTM D5185(m)	250	2	3	---
Baryum	ppm	ASTM D5185(m)	10	<1	0	---
Molybdène	ppm	ASTM D5185(m)	100	54	20	---
Manganèse	ppm	ASTM D5185(m)		0	1	---
Magnésium	ppm	ASTM D5185(m)	450	853	229	---
Calcium	ppm	ASTM D5185(m)	3000	1193	2103	---
Phosphore	ppm	ASTM D5185(m)	1150	969	896	---
Zinc	ppm	ASTM D5185(m)	1350	1171	1025	---
Soufre	ppm	ASTM D5185(m)	4250	2542	2603	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.1	13.6	---
Visc 40°C	cSt	ASTM D7279(m)	91	88.3	77.1	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	13.3	11.5	---
Indice de viscosité (VI)	Scale	ASTM D2270*	164	151	141	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUDVILLE INC.**
N° d'échantillon : PC0082574 **Reçu** : 25 Oct 2023
N° de laboratoire : 02591673 **Diagnostiqué** : 25 Oct 2023
Numéro unique : 5668752 **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.

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

T:
F: