



Identité de la machine

F15101

Composant

Moteur diesel

Fluide

DIESEL ENGINE OIL SAE 10W30 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. 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 10W30. 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		PC0077395	---	---
Date d'échant.		Client Info		13 Sep 2023	---	---
Âge d la Machine	hrs	Client Info		1335	---	---
Âge de l'huile	hrs	Client Info		0	---	---
Âge du filtre	hrs	Client Info		0	---	---
Huile changée		Client Info		N/A	---	---
Filtre changé		Client Info		N/A	---	---
Statut de l'échant.				MARGINAL	---	---

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	86	---	---
Chrome	ppm	ASTM D5185(m)	>20	2	---	---
Nickel	ppm	ASTM D5185(m)	>4	<1	---	---
Titane	ppm	ASTM D5185(m)		<1	---	---
Argent	ppm	ASTM D5185(m)	>3	<1	---	---
Aluminium	ppm	ASTM D5185(m)	>20	42	---	---
Plomb	ppm	ASTM D5185(m)	>40	2	---	---
Cuivre	ppm	ASTM D5185(m)	>330	92	---	---
Étain	ppm	ASTM D5185(m)	>15	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

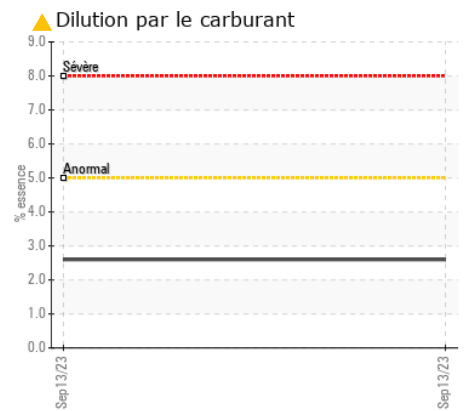
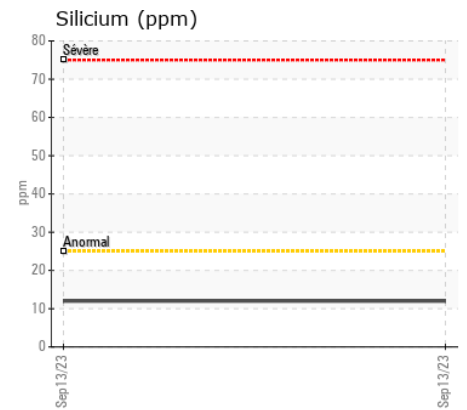
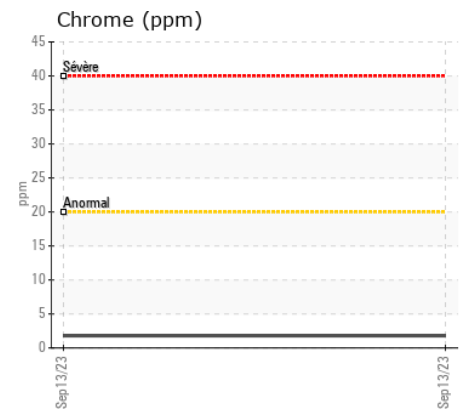
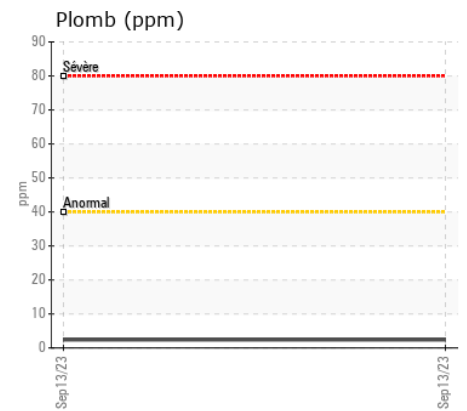
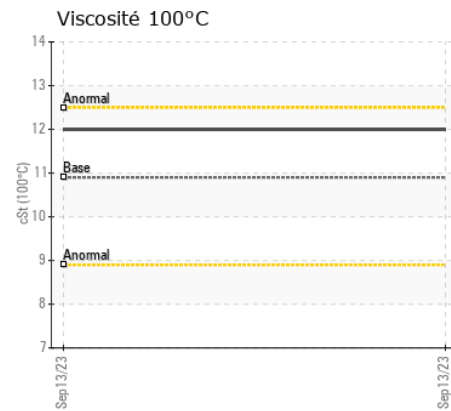
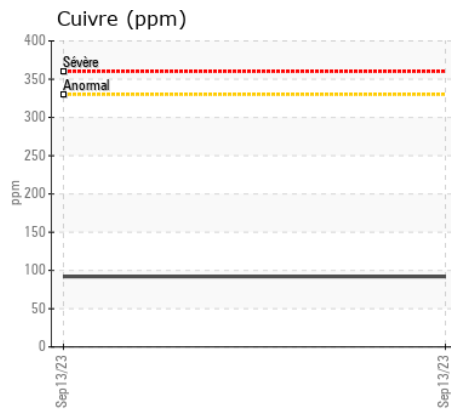
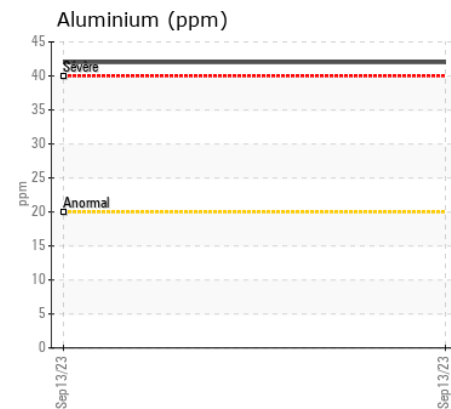
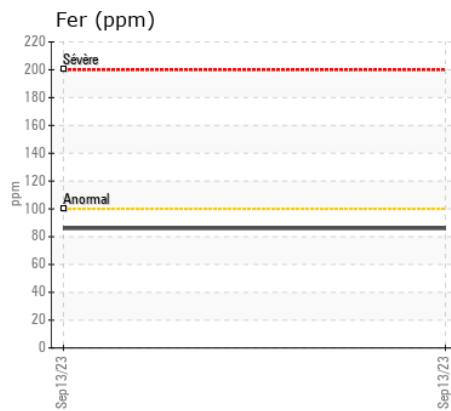
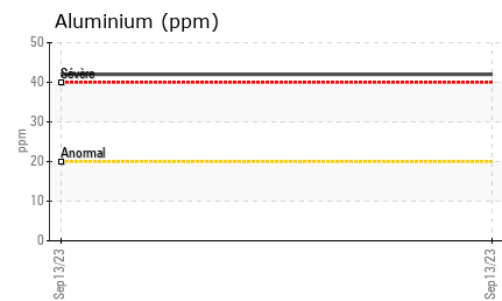
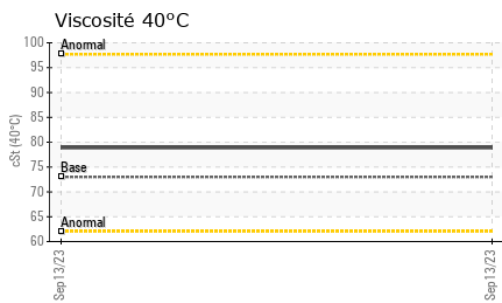
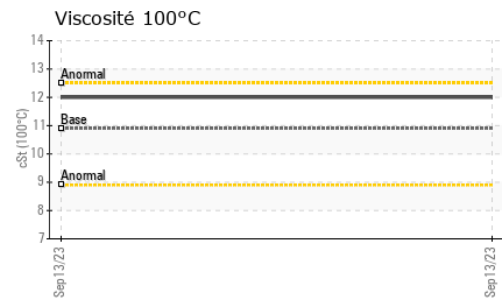
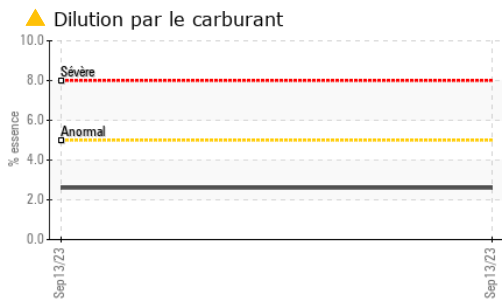
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Light fuel dilution occurring. No other contaminants were detected in the oil.

Silicium	ppm	ASTM D5185(m)	>25	12	---	---
Potassium	ppm	ASTM D5185(m)	>20	109	---	---
Essence	%	ASTM D7593*	>5	▲ 2.6	---	---
Glycol		WC Method		NEG	---	---
% de suie	%	ASTM D7844*	>3	0.5	---	---
Nitration	Abs/cm	ASTM D7624*	>20	10.4	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.5	---	---
Eau émulsifiée	scalar	Visual*	>0.2	NEG	---	---

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		7	---	---
Bore	ppm	ASTM D5185(m)	250	5	---	---
Baryum	ppm	ASTM D5185(m)	10	0	---	---
Molybdène	ppm	ASTM D5185(m)	100	51	---	---
Manganèse	ppm	ASTM D5185(m)		2	---	---
Magnésium	ppm	ASTM D5185(m)	450	813	---	---
Calcium	ppm	ASTM D5185(m)	3000	1256	---	---
Phosphore	ppm	ASTM D5185(m)	1150	997	---	---
Zinc	ppm	ASTM D5185(m)	1350	1136	---	---
Soufre	ppm	ASTM D5185(m)	4250	2356	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.4	---	---
Visc 40°C	cSt	ASTM D7279(m)	73	78.9	---	---
Visc 100°C	cSt	ASTM D7279(m)	10.9	12.0	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*	138	147	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.
N° d'échantillon : PC0077395 **Reçu** : 14 Sep 2023
N° de laboratoire : 02582451 **Diagnostiqué** : 15 Sep 2023
Numéro unique : 5643516 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: FuelDilution, KV40, PercentFuel, VI)

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

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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