



Identité de la machine

90101

Composant

Moteur diesel

Fluid

SAE 10W40 (--- 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		PC0083773	PC0064670	---
Date d'échant.		Client Info		17 Mar 2024	01 Mar 2023	---
Âge d la Machine	hrs	Client Info		7093	7093	---
Âge de l'huile	hrs	Client Info		0	0	---
Âge du filtre	hrs	Client Info		0	0	---
Huile changée		Client Info		N/A	Changed	---
Filtre changé		Client Info		N/A	Changed	---
Statut de l'échant.				NORMAL	NORMAL	---

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	12	19	---
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	---
Nickel	ppm	ASTM D5185(m)	>4	<1	1	---
Titane	ppm	ASTM D5185(m)		0	<1	---
Argent	ppm	ASTM D5185(m)	>3	0	0	---
Aluminium	ppm	ASTM D5185(m)	>20	3	4	---
Plomb	ppm	ASTM D5185(m)	>40	0	0	---
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	---
Étain	ppm	ASTM D5185(m)	>15	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Métal blanc	scalar	Visual*	NONE	NONE	VLITE	---
Bronze	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

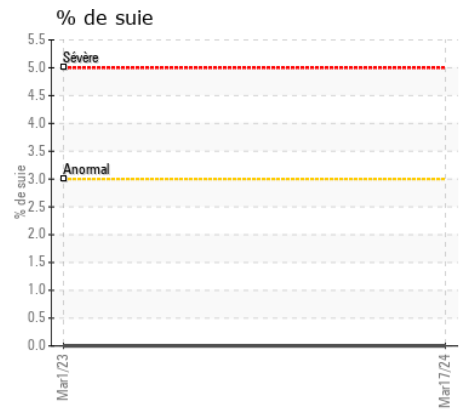
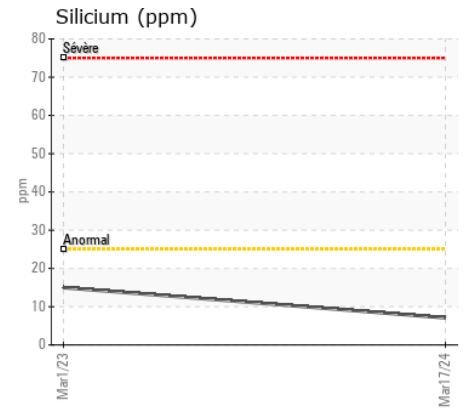
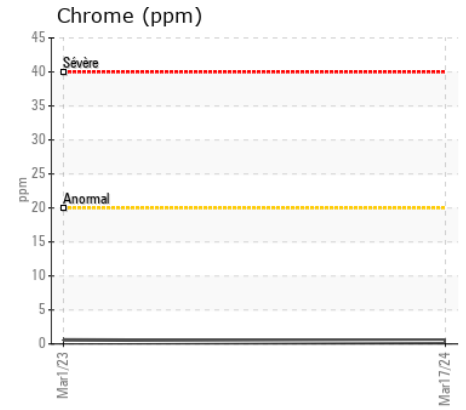
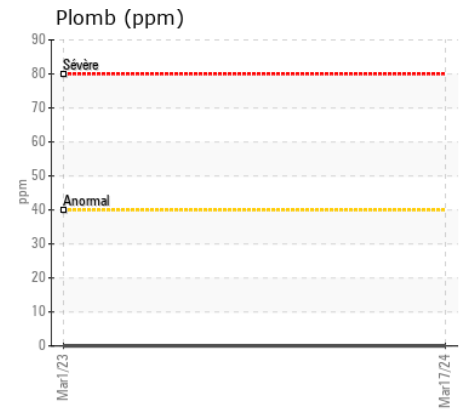
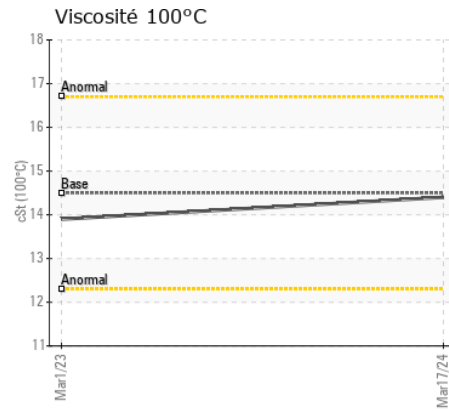
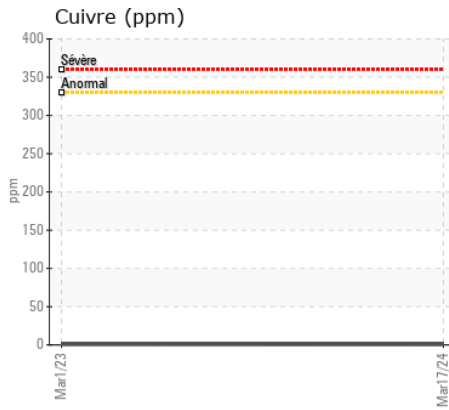
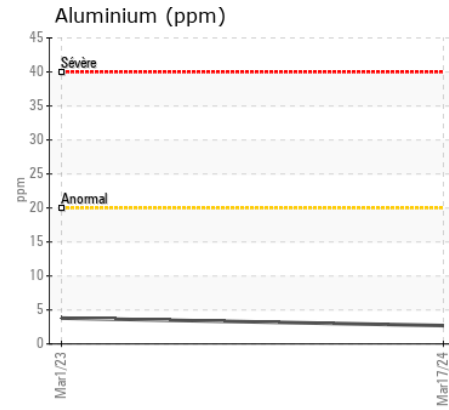
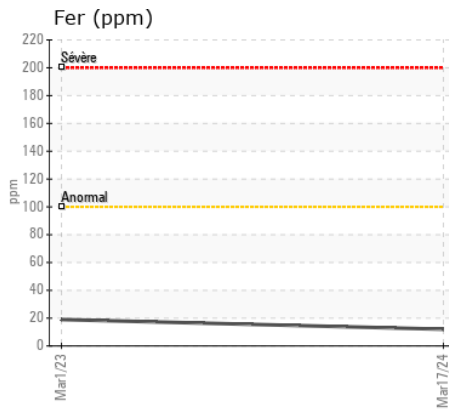
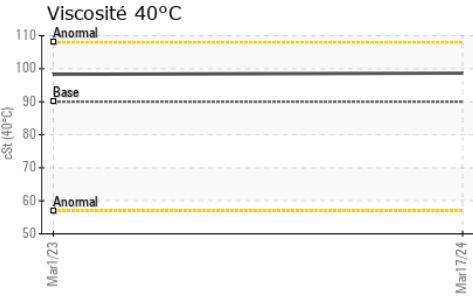
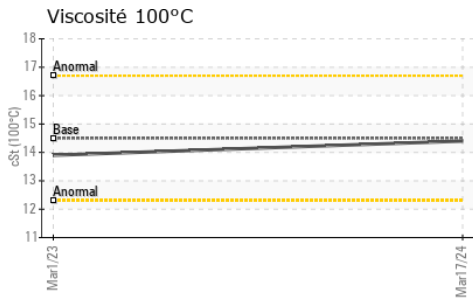
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	7	15	---
Potassium	ppm	ASTM D5185(m)	>20	<1	0	---
Essence		WC Method	>5	<1.0	<1.0	---
L'eau		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>3	0	0	---
Nitration	Abs/cm	ASTM D7624*	>20	4.9	5.9	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	17.8	20.0	---
Limon	scalar	Visual*	NONE	VLITE	NONE	---
Débris	scalar	Visual*	NONE	NONE	NONE	---
Saleté	scalar	Visual*	NONE	NONE	VLITE	---
Apparence	scalar	Visual*	NORML	NORML	NORML	---
Odeur	scalar	Visual*	NORML	NORML	NORML	---
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)	>401	2	2	---
Bore	ppm	ASTM D5185(m)		7	31	---
Baryum	ppm	ASTM D5185(m)		0	0	---
Molybdène	ppm	ASTM D5185(m)		58	60	---
Manganèse	ppm	ASTM D5185(m)		0	<1	---
Magnésium	ppm	ASTM D5185(m)		918	816	---
Calcium	ppm	ASTM D5185(m)		1105	1343	---
Phosphore	ppm	ASTM D5185(m)		1004	1080	---
Zinc	ppm	ASTM D5185(m)		1140	1158	---
Soufre	ppm	ASTM D5185(m)		2718	2675	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	13.5	14.4	---
Visc 40°C	cSt	ASTM D7279(m)	90.0	98.7	98.3	---
Visc 100°C	cSt	ASTM D7279(m)	14.5	14.4	13.9	---
Indice de viscosité (VI)	Scale	ASTM D2270*	167	150	143	---



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : PC0083773

N° de laboratoire : 02622635

Numéro unique : 5747754

Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

Reçu : 18 Mar 2024

Tested : 18 Mar 2024

Diagnostiqué : 18 Mar 2024 - Wes Davis

LES ENTREPRISES MICHAUDVILLE INC.

270 RUE BRUNET

MONT ST-HILAIRE, QC

CA J3H 0M6

Contact: Martin Trudel

mtrudel@michaudville.com

T:

F:

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.