



Identité de la machine

76104

Composant

Moteur diesel

Fluid

DIESEL ENGINE OIL 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		PC0083753	PC0082063	PC0078472
Date d'échant.		Client Info		19 Feb 2024	26 Nov 2023	02 Oct 2023
Âge d la Machine	hrs	Client Info		21913	21527	20917
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	N/A
Filtre changé		Client Info		N/A	N/A	N/A
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	4	6	5
Chrome	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>4	0	0	0
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	0	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	2	2	1
Plomb	ppm	ASTM D5185(m)	>40	0	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	<1
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	VLITE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

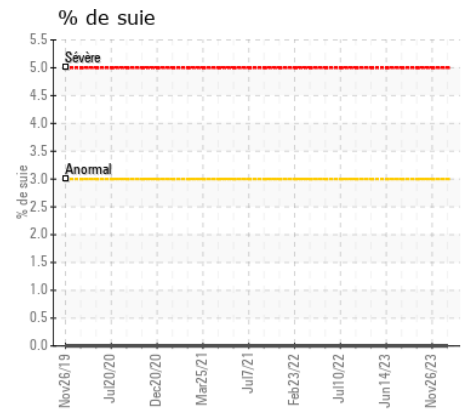
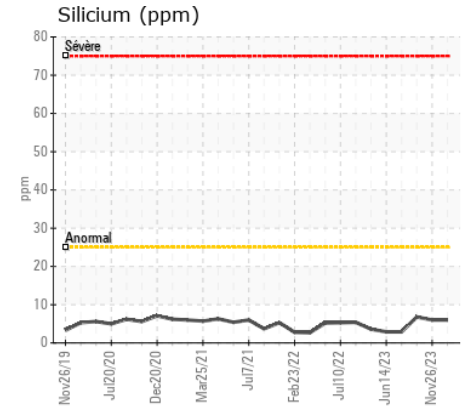
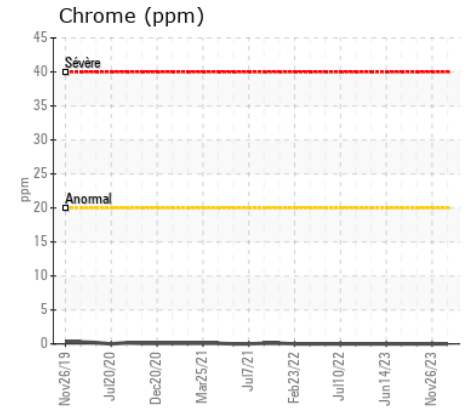
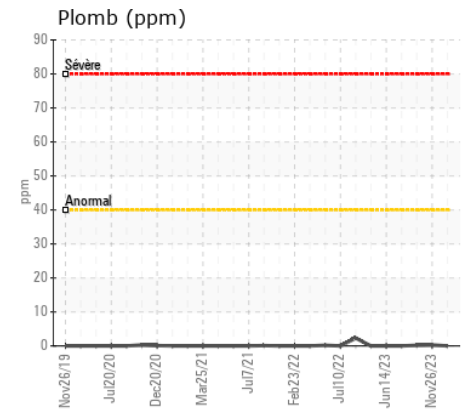
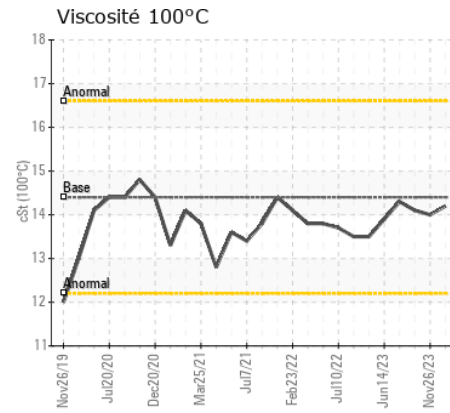
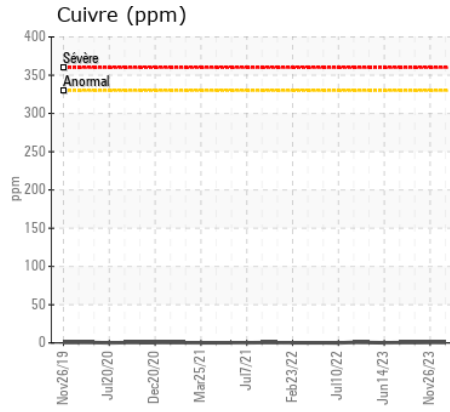
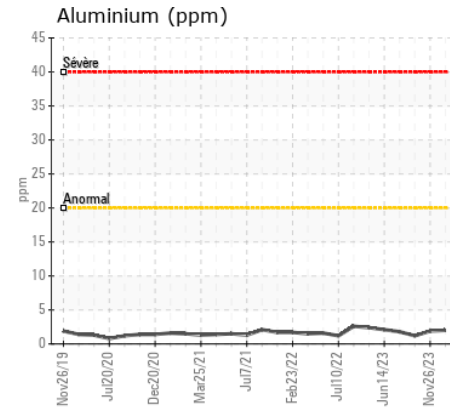
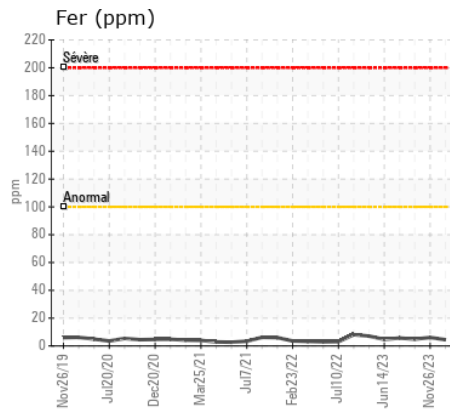
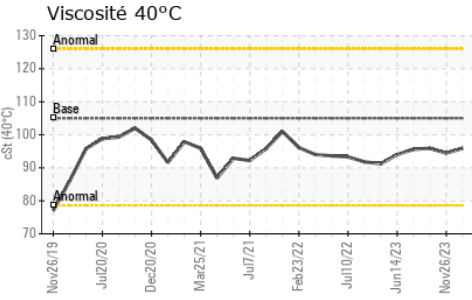
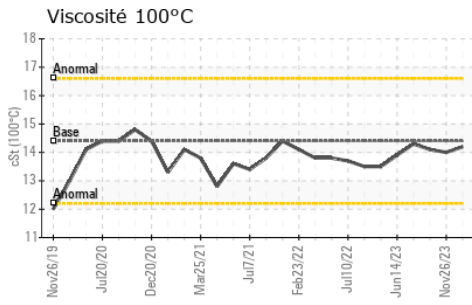
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	6	6	7
Potassium	ppm	ASTM D5185(m)	>20	<1	0	0
Essence		WC Method	>5	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	5.5	6.7	7.2
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.0	20.4	19.5
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	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)		<1	2	2
Bore	ppm	ASTM D5185(m)	250	1	2	2
Baryum	ppm	ASTM D5185(m)	10	0	0	<1
Molybdène	ppm	ASTM D5185(m)	100	58	60	62
Manganèse	ppm	ASTM D5185(m)		0	0	0
Magnésium	ppm	ASTM D5185(m)	450	955	989	1035
Calcium	ppm	ASTM D5185(m)	3000	1185	1240	1227
Phosphore	ppm	ASTM D5185(m)	1150	1002	995	1022
Zinc	ppm	ASTM D5185(m)	1350	1179	1232	1287
Soufre	ppm	ASTM D5185(m)	4250	2711	2480	2532
Oxydation	Abs/.1mm	ASTM D7414*	>25	14.5	16.3	15.8
Visc 40°C	cSt	ASTM D7279(m)	105	95.9	94.4	95.9
Visc 100°C	cSt	ASTM D7279(m)	14.4	14.2	14.0	14.1
Indice de viscosité (VI)	Scale	ASTM D2270*	126	152	151	150



ISO 17025:2017
Accredited
Laboratory

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

N° d'échantillon : PC0083753

N° de laboratoire : 02616521

Numéro unique : 5733631

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

Reçu : 20 Feb 2024

Tested : 20 Feb 2024

Diagnostiqué : 20 Feb 2024 - Wes Davis

LES ENTREPRISES MICHAUVILLE INC.

270 RUE BRUNET

MONT ST-HILAIRE, QC

CA J3H 0M6

Contact: Martin Trudel

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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.