



Identité de la machine

76101

Composant

Moteur diesel

Fluid

DIESEL ENGINE OIL SAE 5W40 (--- 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		PC0083744	PC0077407	PC0075861
Date d'échant.		Client Info		19 Feb 2024	17 Dec 2023	10 Oct 2023
Âge d la Machine	hrs	Client Info		20954	20390	19937
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	6	4	4
Chrome	ppm	ASTM D5185(m)	>20	2	1	1
Nickel	ppm	ASTM D5185(m)	>4	<1	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	3	2	2
Plomb	ppm	ASTM D5185(m)	>40	0	0	0
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

CONTAMINATION

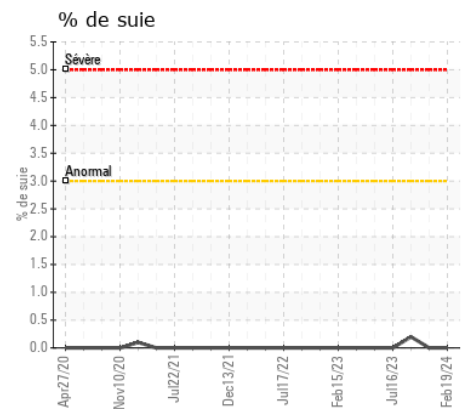
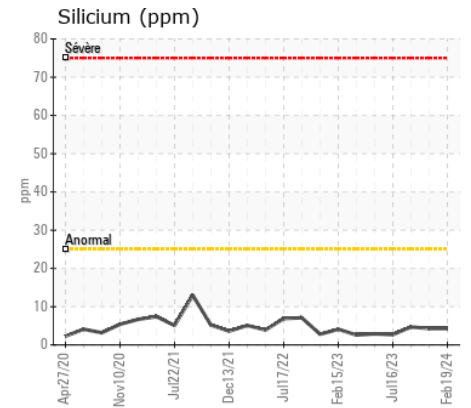
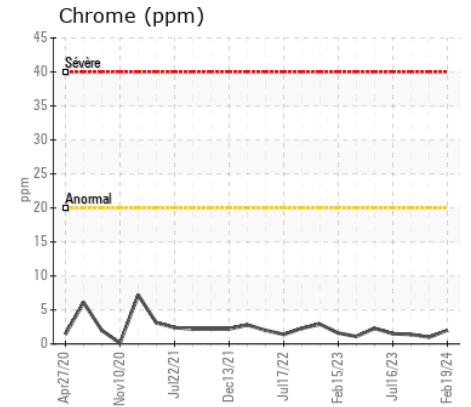
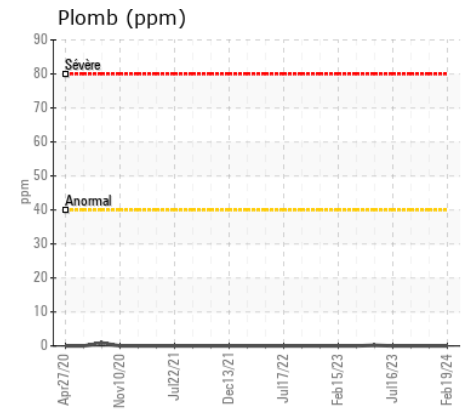
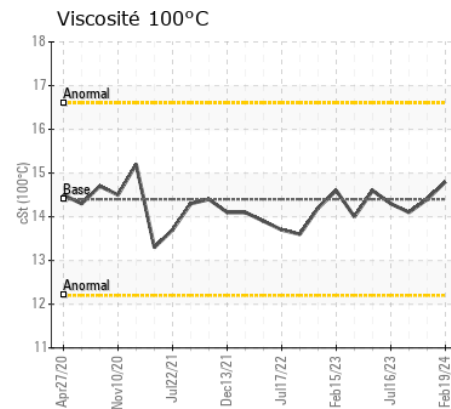
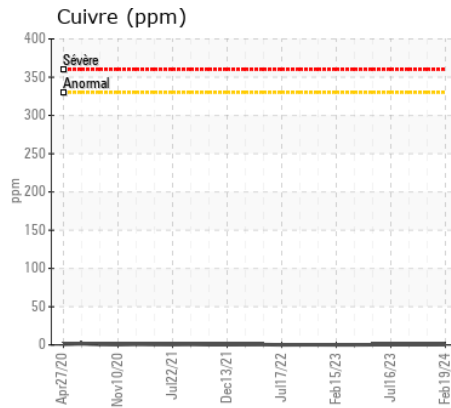
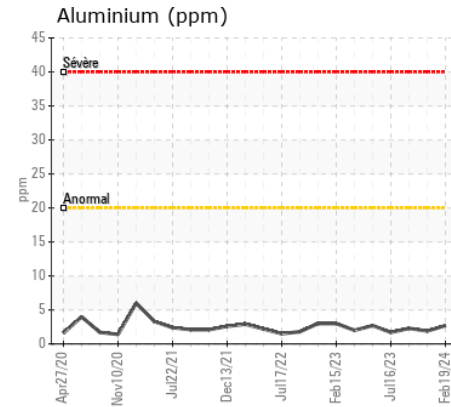
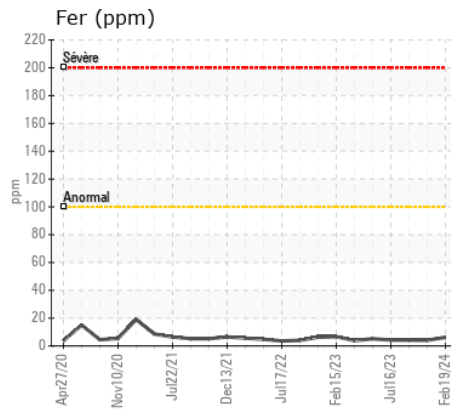
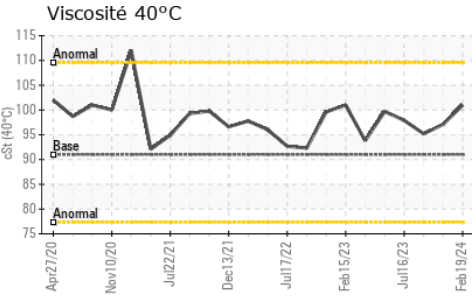
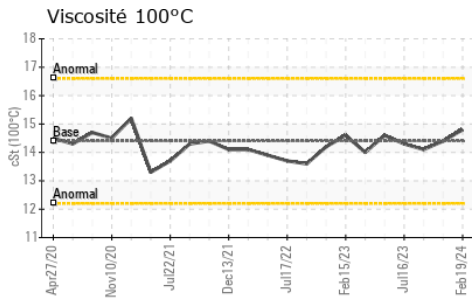
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	4	4	5
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	0.2
Nitration	Abs/cm	ASTM D7624*	>20	6.6	5.9	8.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.2	20.3	19.3
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)	>44	<1	1	2
Bore	ppm	ASTM D5185(m)	250	1	1	2
Baryum	ppm	ASTM D5185(m)	10	0	<1	<1
Molybdène	ppm	ASTM D5185(m)	100	60	57	58
Manganèse	ppm	ASTM D5185(m)		0	0	0
Magnésium	ppm	ASTM D5185(m)	450	1001	945	950
Calcium	ppm	ASTM D5185(m)	3000	1275	1292	1312
Phosphore	ppm	ASTM D5185(m)	1150	1025	995	1031
Zinc	ppm	ASTM D5185(m)	1350	1217	1206	1260
Soufre	ppm	ASTM D5185(m)	4250	2716	2572	2632
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.3	16.2	14.6
Visc 40°C	cSt	ASTM D7279(m)	91	101	97.1	95.2
Visc 100°C	cSt	ASTM D7279(m)	14.4	14.8	14.4	14.1
Indice de viscosité (VI)	Scale	ASTM D2270*	164	152	153	151



ISO 17025:2017
Accredited
Laboratory

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

N° d'échantillon : PC0083744

N° de laboratoire : 02616555

Numéro unique : 5733665

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

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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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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