



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 brand, type, and viscosity of the oil on your next sample. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0083728	PC0083744	PC0077407
Date d'échant.		Client Info		15 May 2024	19 Feb 2024	17 Dec 2023
Âge d la Machine	hrs	Client Info		22597	20954	20390
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	34	6	4
Chrome	ppm	ASTM D5185(m)	>20	14	2	1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	0
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	0	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	8	3	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
Métal blanc	scalar	Visual*	NONE	NONE	---	VLITE
Bronze	scalar	Visual*	NONE	NONE	---	NONE

CONTAMINATION

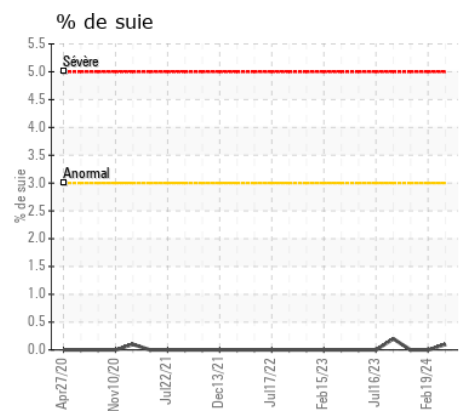
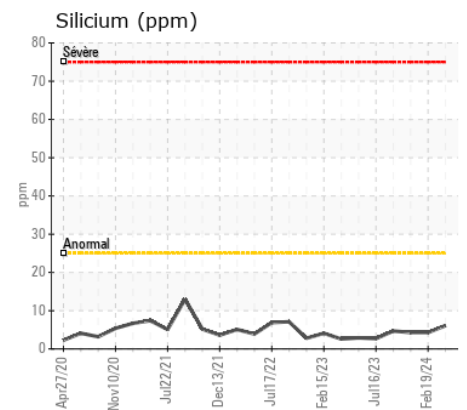
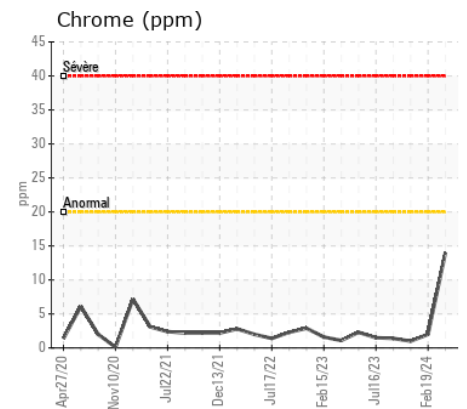
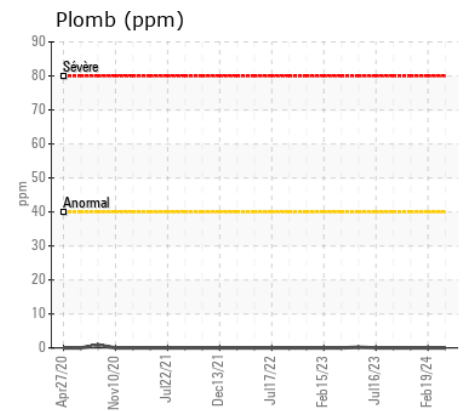
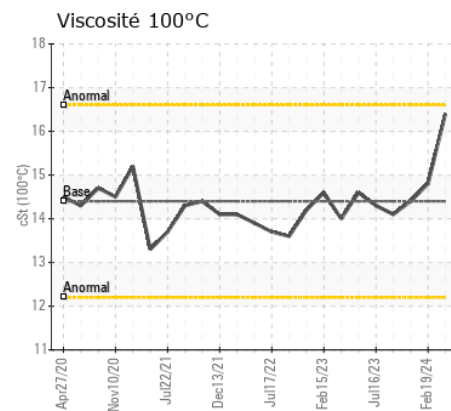
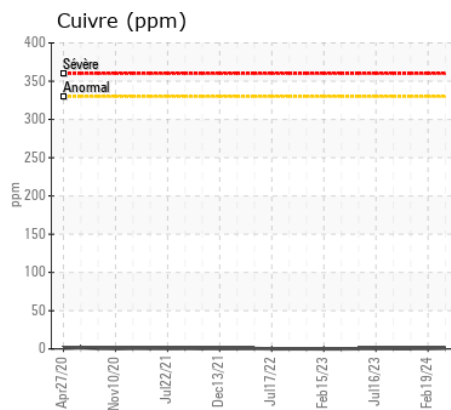
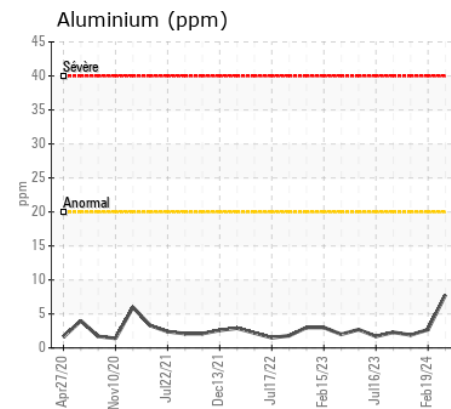
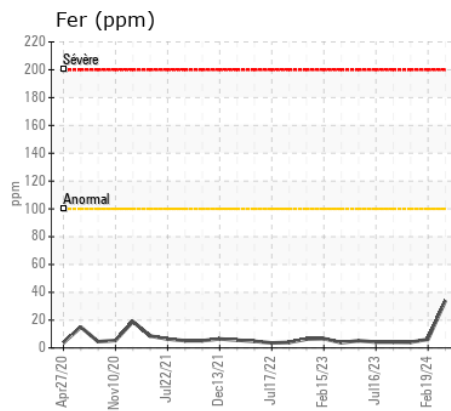
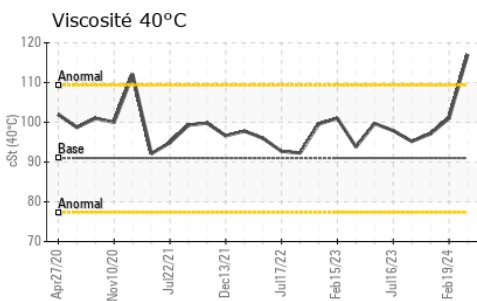
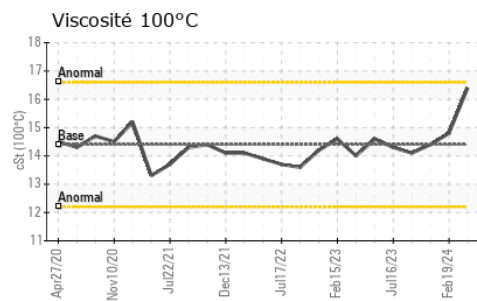
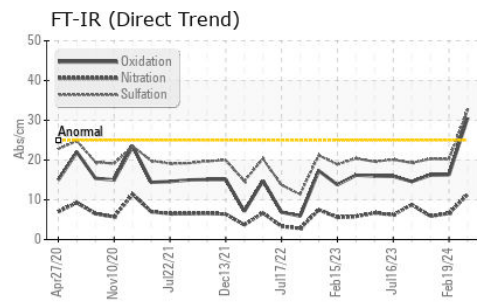
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	6	4	4
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	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	0.1	0	0
Nitration	Abs/cm	ASTM D7624*	>20	11.4	6.6	5.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	32.6	20.2	20.3
Limon	scalar	Visual*	NONE	VLITE	---	NONE
Débris	scalar	Visual*	NONE	VLITE	---	NONE
Saleté	scalar	Visual*	NONE	NONE	---	NONE
Apparence	scalar	Visual*	NORML	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)	>44	3	<1	1
Bore	ppm	ASTM D5185(m)	250	2	1	1
Baryum	ppm	ASTM D5185(m)	10	<1	0	<1
Molybdène	ppm	ASTM D5185(m)	100	73	60	57
Manganèse	ppm	ASTM D5185(m)		<1	0	0
Magnésium	ppm	ASTM D5185(m)	450	1218	1001	945
Calcium	ppm	ASTM D5185(m)	3000	2378	1275	1292
Phosphore	ppm	ASTM D5185(m)	1150	1361	1025	995
Zinc	ppm	ASTM D5185(m)	1350	1805	1217	1206
Soufre	ppm	ASTM D5185(m)	4250	2807	2716	2572
Oxydation	Abs/.1mm	ASTM D7414*	>25	30.6	16.3	16.2
Visc 40°C	cSt	ASTM D7279(m)	91	117	101	97.1
Visc 100°C	cSt	ASTM D7279(m)	14.4	16.4	14.8	14.4
Indice de viscosité (VI)	Scale	ASTM D2270*	164	151	152	153



ISO 17025:2017
 Accredited
 Laboratory

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

N° d'échantillon : PC0083728

N° de laboratoire : 02636534

Numéro unique : 5785696

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

Reçu : 21 May 2024

Tested : 21 May 2024

Diagnostiqué : 21 May 2024 - Kevin Marson

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.