



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

85101

Composant

Moteur diesel

Fluid

DIESEL ENGINE OIL SAE 5W40 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. 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		PC0066223	PC0084438	PC0028039
Date d'échant.		Client Info		11 Mar 2024	28 Feb 2024	10 Mar 2020
Âge d la Machine	hrs	Client Info		7637	7636	5880
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	Changed
Filtre changé		Client Info		N/A	N/A	Changed
Statut de l'échant.				NORMAL	ABNORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	4	28	7
Chrome	ppm	ASTM D5185(m)	>20	0	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	1	<1
Titane	ppm	ASTM D5185(m)		0	0	1
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	2	3	<1
Plomb	ppm	ASTM D5185(m)	>40	1	4	2
Cuivre	ppm	ASTM D5185(m)	>330	<1	5	<1
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

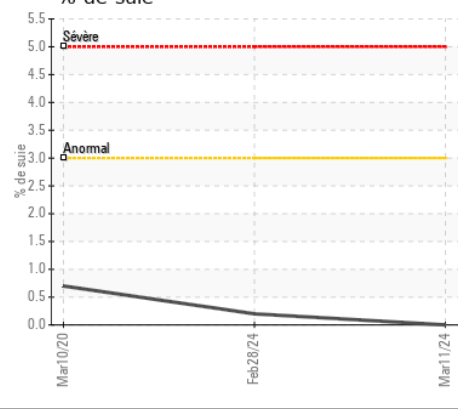
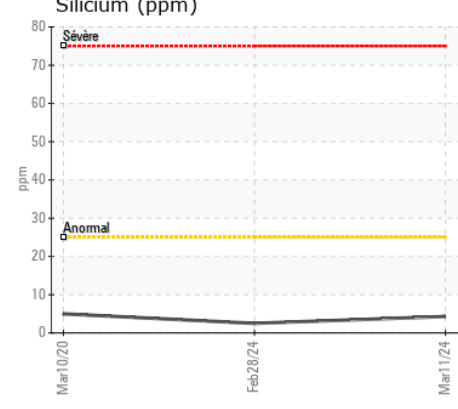
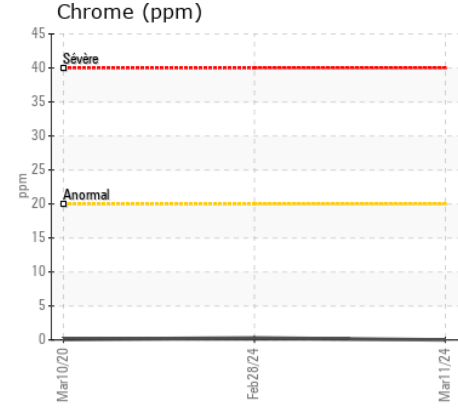
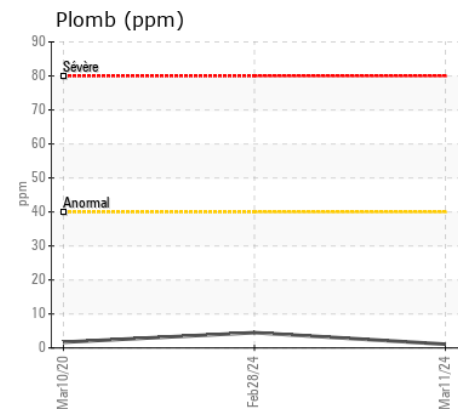
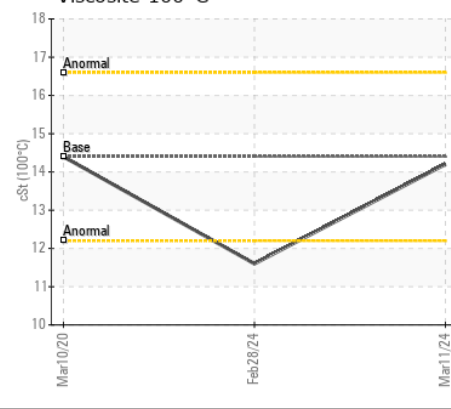
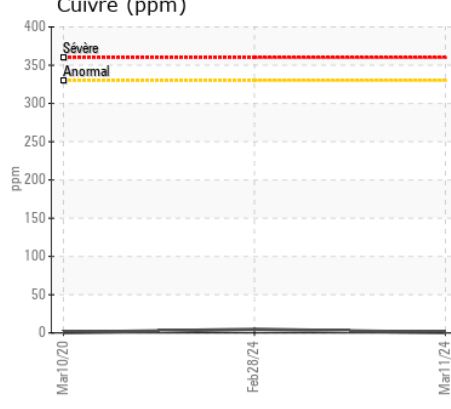
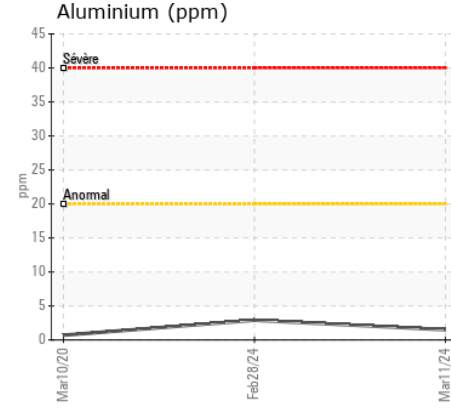
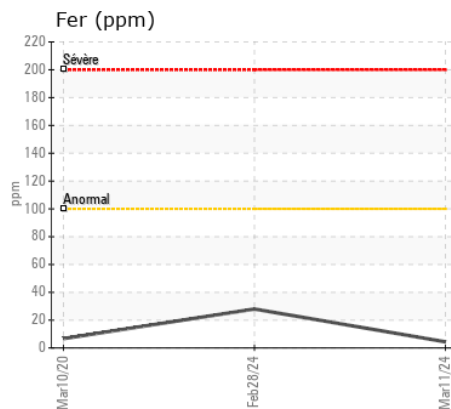
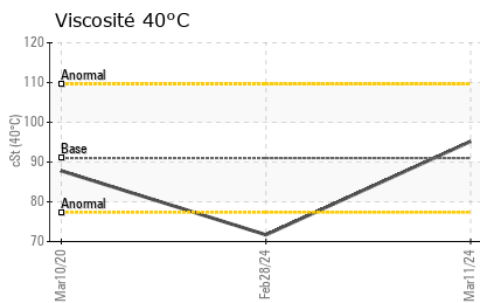
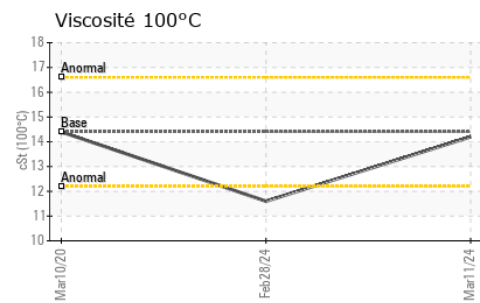
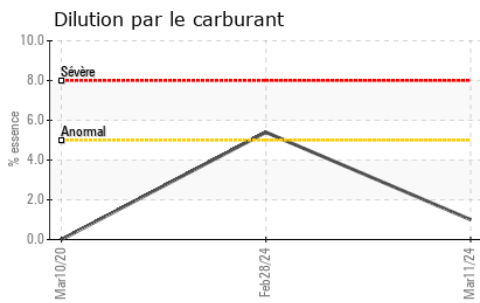
Light fuel dilution occurring. No other contaminants were detected in the oil.

Silicium	ppm	ASTM D5185(m)	>25	4	2	5
Potassium	ppm	ASTM D5185(m)	>20	<1	1	2
Essence	%	ASTM D7593*	>5	1	▲ 5.4	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0	0.2	0.7
Nitration	Abs/cm	ASTM D7624*	>20	4.4	7.6	7.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	17.9	20.0	25.5
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	---
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	2	2
Bore	ppm	ASTM D5185(m)	250	2	7	173
Baryum	ppm	ASTM D5185(m)	10	0	0	<1
Molybdène	ppm	ASTM D5185(m)	100	51	50	10
Manganèse	ppm	ASTM D5185(m)		0	0	<1
Magnésium	ppm	ASTM D5185(m)	450	858	783	103
Calcium	ppm	ASTM D5185(m)	3000	1005	1159	1985
Phosphore	ppm	ASTM D5185(m)	1150	963	946	971
Zinc	ppm	ASTM D5185(m)	1350	1101	1074	1095
Soufre	ppm	ASTM D5185(m)	4250	2646	2683	2868
Oxydation	Abs/.1mm	ASTM D7414*	>25	13.2	16.3	16.2
Visc 40°C	cSt	ASTM D7279(m)	91	95.2	▲ 71.7	87.8
Visc 100°C	cSt	ASTM D7279(m)	14.4	14.2	▲ 11.6	14.4
Indice de viscosité (VI)	Scale	ASTM D2270*	164	153	156	170



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0066223
N° de laboratoire : 02621287
Numéro unique : 5746406
Analyse : MOB 1 (Additional Tests: KV40, PercentFuel, VI, Visual)

LES ENTREPRISES MICHAUVILLE INC.
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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.