



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

F55062

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		PC0083722	PC0039009	PC0077714
Date d'échant.		Client Info		15 May 2024	17 Aug 2023	08 Aug 2023
Âge d la Machine	hrs	Client Info		1774	3177	3057
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	SEVERE

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	13	6	15
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	0	0	0
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	0	2	0
Aluminium	ppm	ASTM D5185(m)	>20	2	<1	5
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	---	NONE
Bronze	scalar	Visual*	NONE	NONE	---	NONE

CONTAMINATION

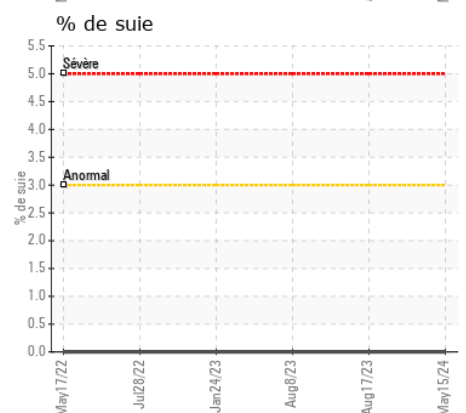
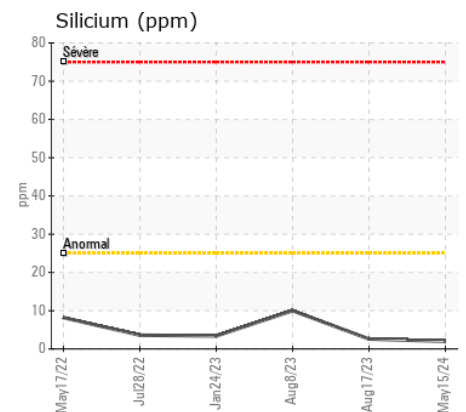
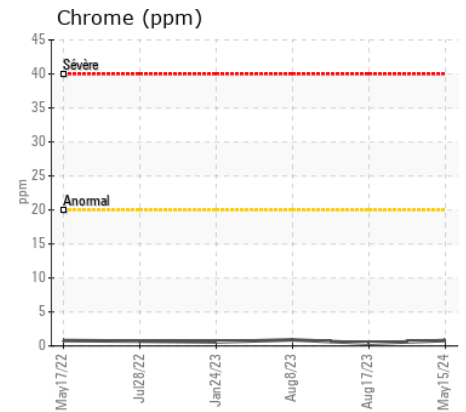
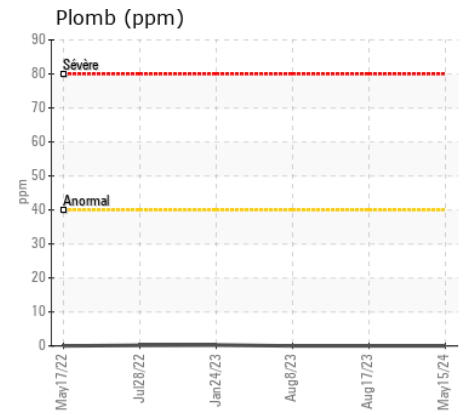
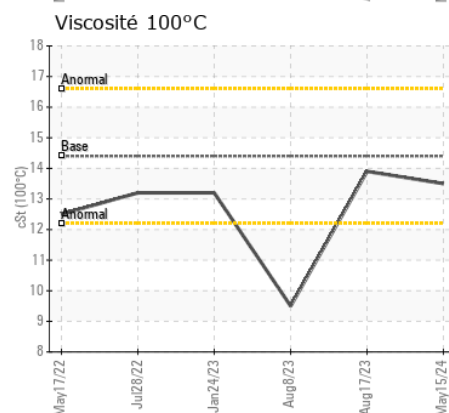
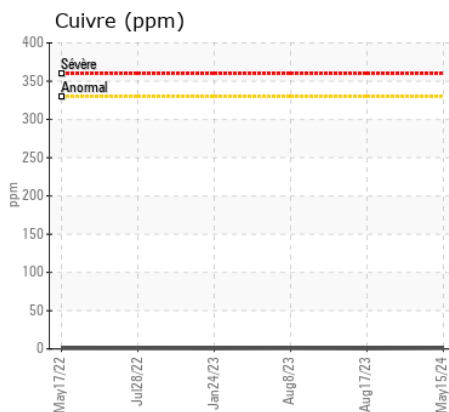
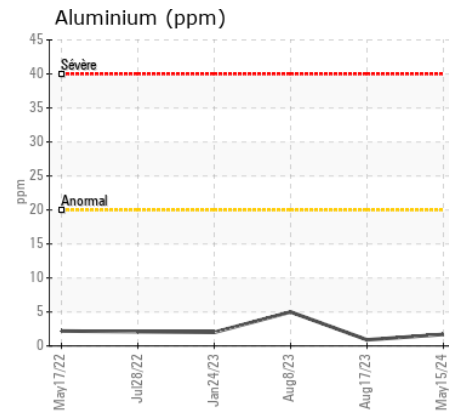
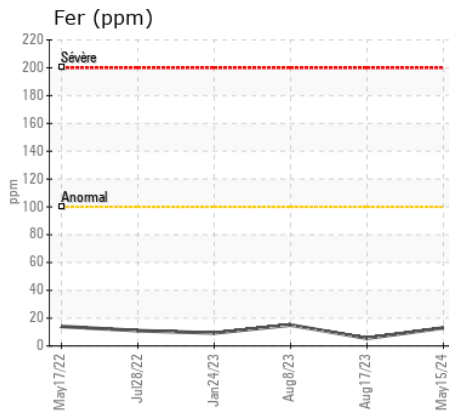
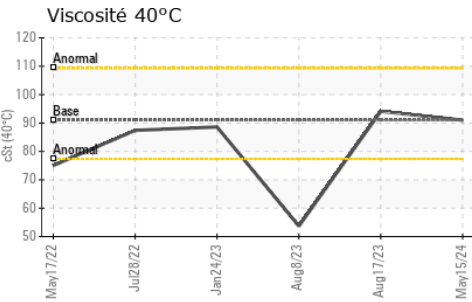
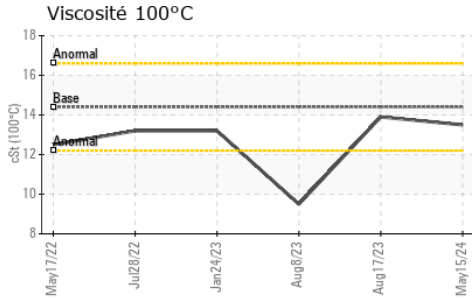
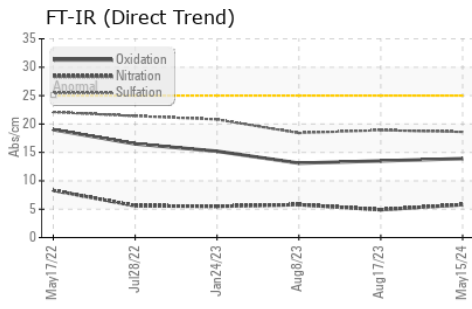
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	2	3	10
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	3
Essence		WC Method	>5	<1.0	0.5	▲ 9.8
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	▲ 0.033
% de suie	%	ASTM D7844*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	5.8	4.9	5.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.6	18.9	18.4
Limon	scalar	Visual*	NONE	VLITE	---	NONE
Débris	scalar	Visual*	NONE	VLITE	---	VLITE
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	▲ .2%

ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)	>44	1	2	8
Bore	ppm	ASTM D5185(m)	250	2	3	9
Baryum	ppm	ASTM D5185(m)	10	0	0	<1
Molybdène	ppm	ASTM D5185(m)	100	58	57	50
Manganèse	ppm	ASTM D5185(m)		<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	960	959	802
Calcium	ppm	ASTM D5185(m)	3000	1101	1085	1031
Phosphore	ppm	ASTM D5185(m)	1150	976	1068	913
Zinc	ppm	ASTM D5185(m)	1350	1189	1196	1029
Soufre	ppm	ASTM D5185(m)	4250	2492	2664	2285
Oxydation	Abs/.1mm	ASTM D7414*	>25	13.9	13.5	13.1
Visc 40°C	cSt	ASTM D7279(m)	91	91.0	94.1	▲ 53.7
Visc 100°C	cSt	ASTM D7279(m)	14.4	13.5	13.9	▲ 9.5
Indice de viscosité (VI)	Scale	ASTM D2270*	164	149	150	162



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0083722
N° de laboratoire : 02636533
Numéro unique : 5785695
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)
Reçu : 21 May 2024
Tested : 21 May 2024
Diagnostiqué : 21 May 2024 - Wes Davis

LES ENTREPRISES MICHAUVILLE INC.
 270 RUE BRUNET
 MONT ST-HILAIRE, QC
 CA J3H 0M6
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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.