



Identité de la machine

5051

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		PC0088928	PC0082574	PC0072141
Date d'échant.		Client Info		20 Jun 2024	24 Oct 2023	04 Jun 2023
Âge d la Machine	hrs	Client Info		2710	1519	1413
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	ABNORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	26	15	37
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	1
Nickel	ppm	ASTM D5185(m)	>4	4	3	▲ 13
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	0	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	2	2	2
Plomb	ppm	ASTM D5185(m)	>40	0	<1	2
Cuivre	ppm	ASTM D5185(m)	>330	4	14	77
Étain	ppm	ASTM D5185(m)	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	VLITE	---	NONE
Bronze	scalar	Visual*	NONE	NONE	---	NONE

CONTAMINATION

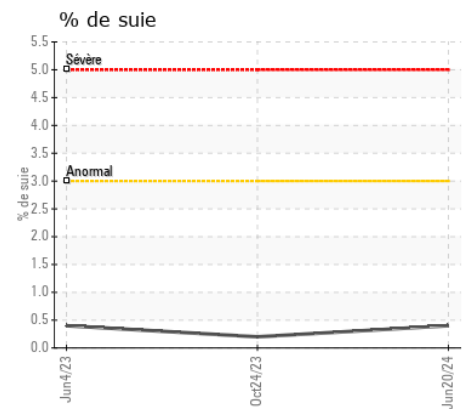
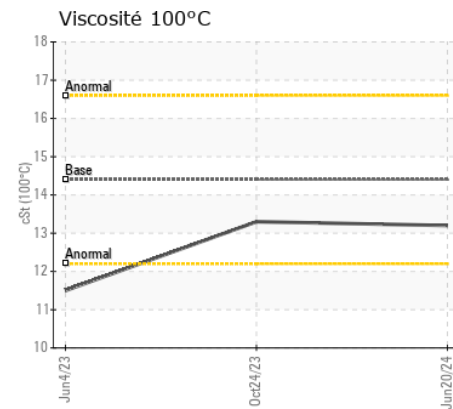
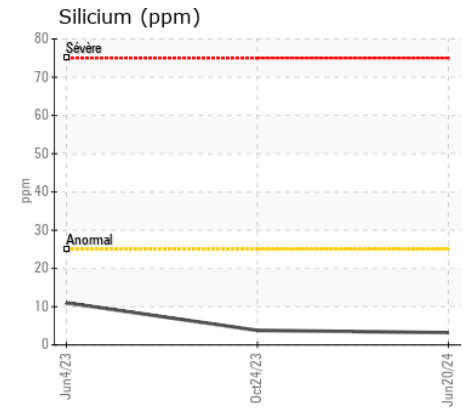
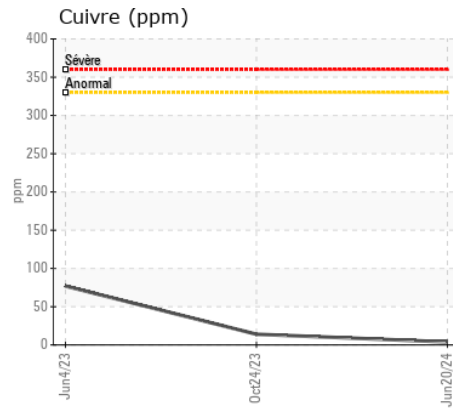
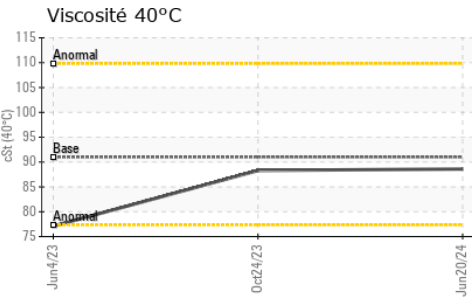
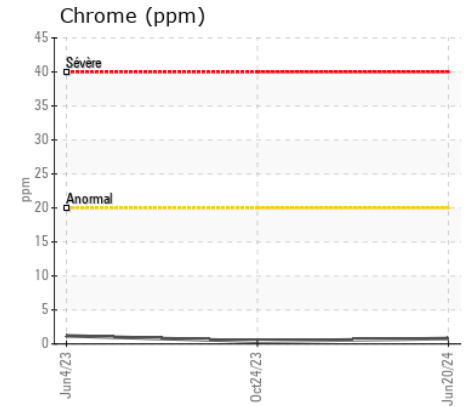
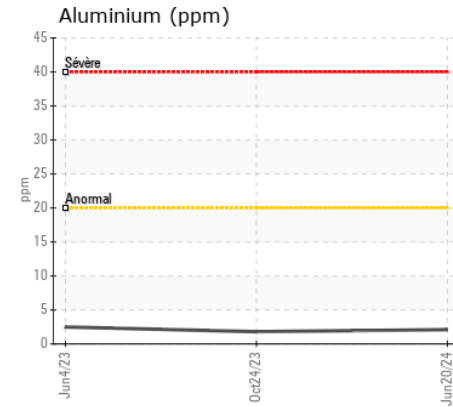
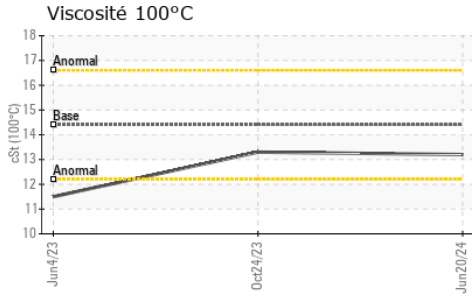
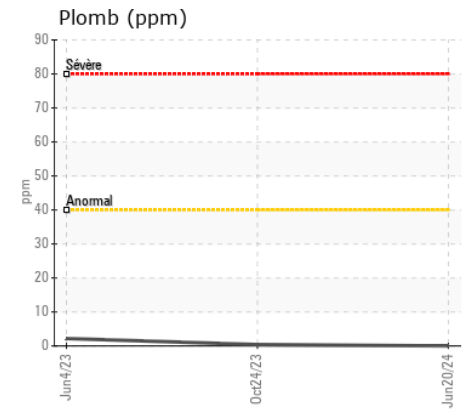
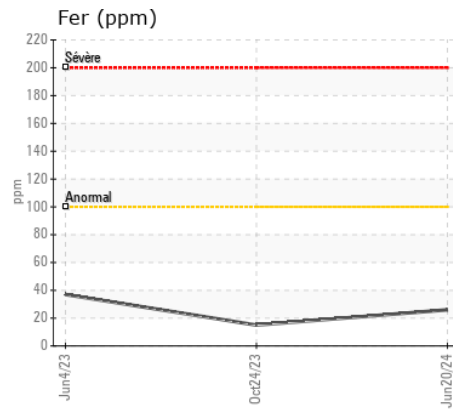
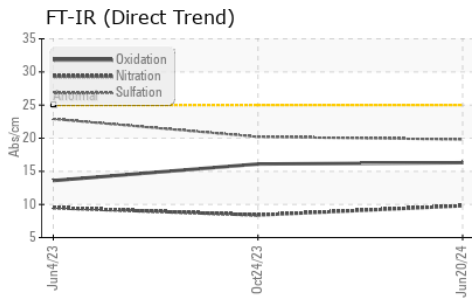
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	3	4	11
Potassium	ppm	ASTM D5185(m)	>20	<1	0	1
Essence		WC Method	>5	<1.0	<1.0	1.9
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.4	0.2	0.4
Nitration	Abs/cm	ASTM D7624*	>20	9.8	8.4	9.5
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.8	20.2	22.9
Limon	scalar	Visual*	NONE	NONE	---	NONE
Débris	scalar	Visual*	NONE	NONE	---	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	2	3	3
Bore	ppm	ASTM D5185(m)	250	1	2	3
Baryum	ppm	ASTM D5185(m)	10	0	<1	0
Molybdène	ppm	ASTM D5185(m)	100	57	54	20
Manganèse	ppm	ASTM D5185(m)		<1	0	1
Magnésium	ppm	ASTM D5185(m)	450	919	853	229
Calcium	ppm	ASTM D5185(m)	3000	1131	1193	2103
Phosphore	ppm	ASTM D5185(m)	1150	967	969	896
Zinc	ppm	ASTM D5185(m)	1350	1188	1171	1025
Soufre	ppm	ASTM D5185(m)	4250	2528	2542	2603
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.3	16.1	13.6
Visc 40°C	cSt	ASTM D7279(m)	91	88.6	88.3	77.1
Visc 100°C	cSt	ASTM D7279(m)	14.4	13.2	13.3	11.5
Indice de viscosité (VI)	Scale	ASTM D2270*	164	149	151	141



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0088928
N° de laboratoire : 02643366
Numéro unique : 5800905
Analyse : MOB 1 (Additional Tests: KV40, 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.

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