



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

F55066

Composant

Moteur diesel

Fluid

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

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 5W40. Please confirm.
Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0088922	PC0082356	---
Date d'échant.		Client Info		17 Jun 2024	02 Nov 2023	---
Âge d la Machine	hrs	Client Info		954	620	---
Âge de l'huile	hrs	Client Info		0	0	---
Âge du filtre	hrs	Client Info		0	0	---
Huile changée		Client Info		N/A	N/A	---
Filtre changé		Client Info		N/A	N/A	---
Statut de l'échant.				NORMAL	ABNORMAL	---

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>100	32	54	---
Chrome	ppm	ASTM D5185(m)	>20	<1	1	---
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	---
Titane	ppm	ASTM D5185(m)		0	0	---
Argent	ppm	ASTM D5185(m)	>3	<1	<1	---
Aluminium	ppm	ASTM D5185(m)	>20	3	5	---
Plomb	ppm	ASTM D5185(m)	>40	3	9	---
Cuivre	ppm	ASTM D5185(m)	>330	63	342	---
Étain	ppm	ASTM D5185(m)	>15	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

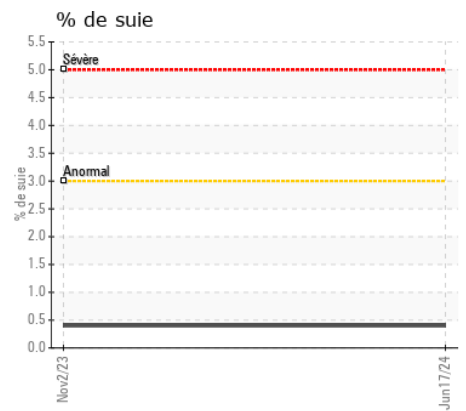
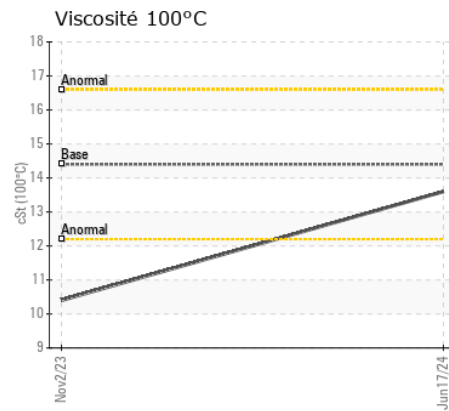
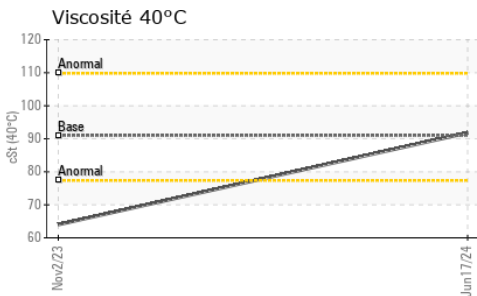
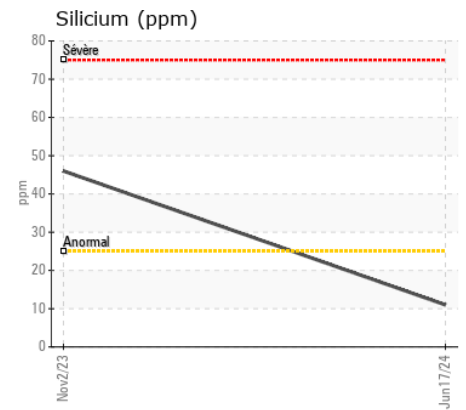
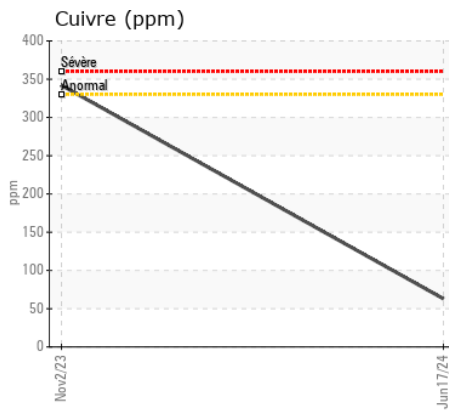
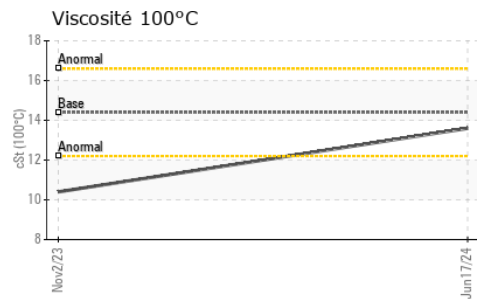
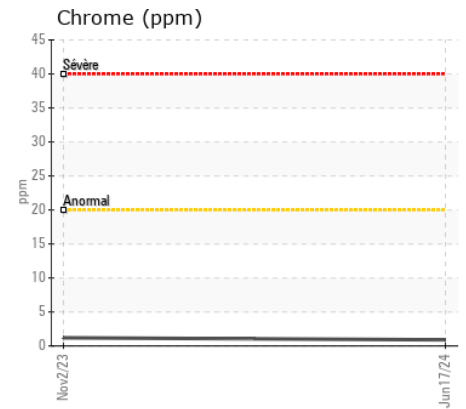
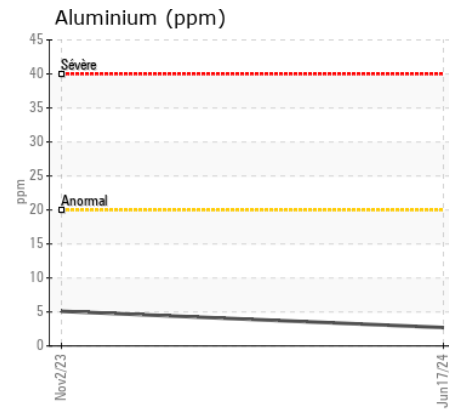
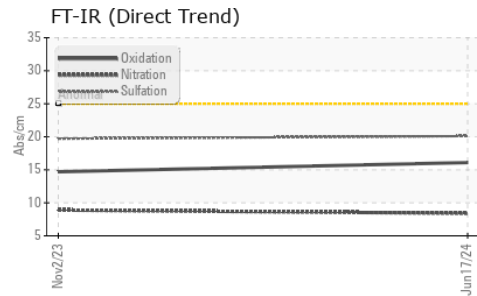
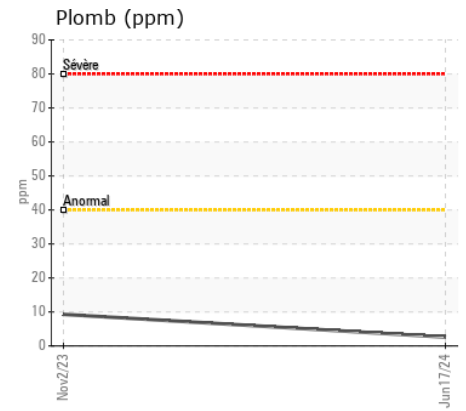
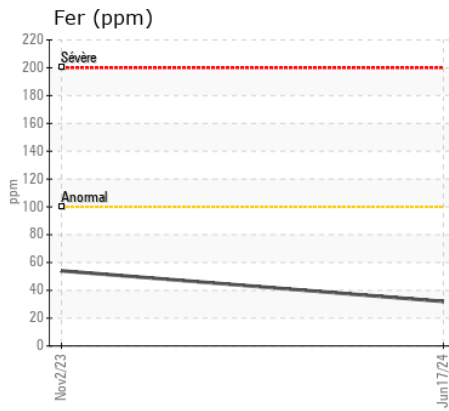
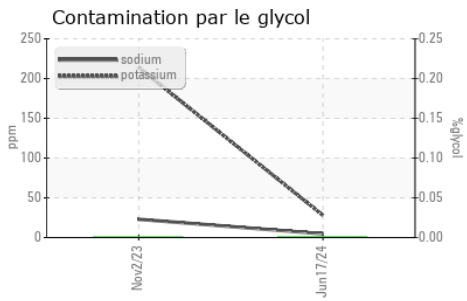
Test for glycol is negative. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	11	46	---
Potassium	ppm	ASTM D5185(m)	>20	28	▲ 214	---
Essence		WC Method	>5	<1.0	▲ 2.1	---
L'eau		WC Method	>0.2	NEG	NEG	---
Glycol	%	ASTM D7922*		0.0	0.0	---
% de suie	%	ASTM D7844*	>3	0.4	0.4	---
Nitration	Abs/cm	ASTM D7624*	>20	8.4	8.9	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.1	19.7	---
Limon	scalar	Visual*	NONE	VLITE	---	---
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	---

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)	>44	5	23	---
Bore	ppm	ASTM D5185(m)	250	11	157	---
Baryum	ppm	ASTM D5185(m)	10	1	8	---
Molybdène	ppm	ASTM D5185(m)	100	73	190	---
Manganèse	ppm	ASTM D5185(m)		<1	<1	---
Magnésium	ppm	ASTM D5185(m)	450	815	16	---
Calcium	ppm	ASTM D5185(m)	3000	1271	2470	---
Phosphore	ppm	ASTM D5185(m)	1150	937	689	---
Zinc	ppm	ASTM D5185(m)	1350	1144	828	---
Soufre	ppm	ASTM D5185(m)	4250	2286	2120	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.1	14.7	---
Visc 40°C	cSt	ASTM D7279(m)	91	91.8	▲ 64	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	13.6	▲ 10.4	---
Indice de viscosité (VI)	Scale	ASTM D2270*	164	149	150	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0088922
N° de laboratoire : 02642490
Numéro unique : 5800029
Analyse : MOB 1 (Additional Tests: Glycol, KV40, VI, Visual)

LES ENTREPRISES MICHAUVILLE INC.
 270 RUE BRUNET
 MONT ST-HILAIRE, QC
 CA J3H 0M6
 Contact: Martin Trudel
 mtrudel@michaudville.com

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.