



Identité de la machine

5120

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		PC0083660	PC0057174	---
Date d'échant.		Client Info		17 Mar 2024	12 Mar 2023	---
Âge d la Machine	hrs	Client Info		829	0	---
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	NORMAL	---

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>100	77	26	---
Chrome	ppm	ASTM D5185(m)	>20	2	<1	---
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	---
Titane	ppm	ASTM D5185(m)		0	<1	---
Argent	ppm	ASTM D5185(m)	>3	0	0	---
Aluminium	ppm	ASTM D5185(m)	>20	8	10	---
Plomb	ppm	ASTM D5185(m)	>40	<1	3	---
Cuivre	ppm	ASTM D5185(m)	>330	20	41	---
Étain	ppm	ASTM D5185(m)	>15	0	<1	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

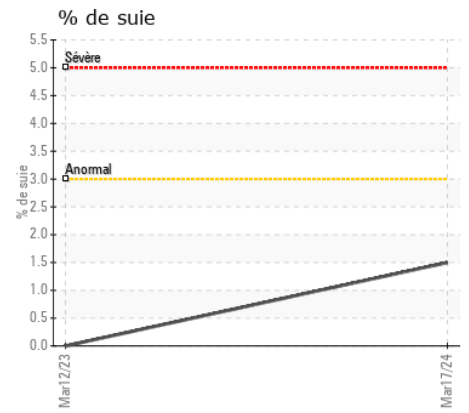
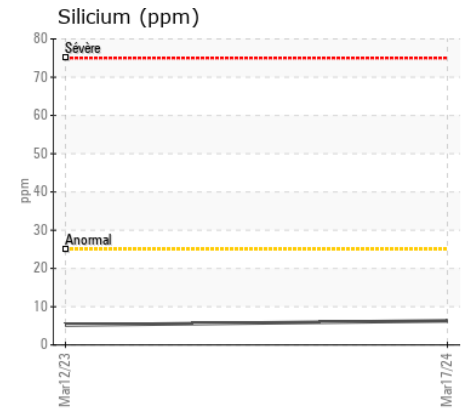
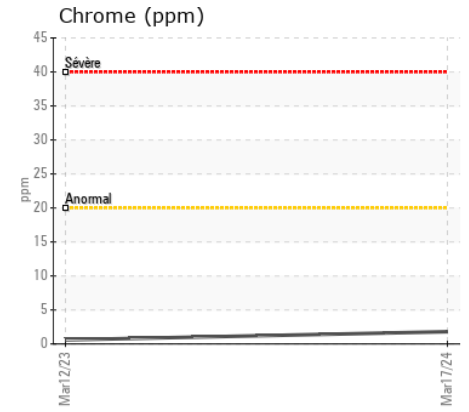
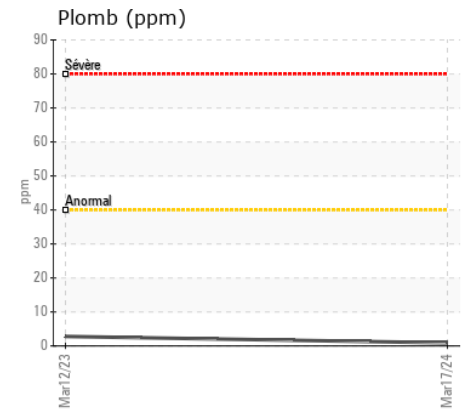
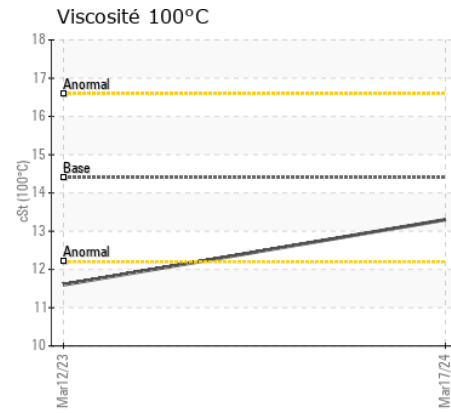
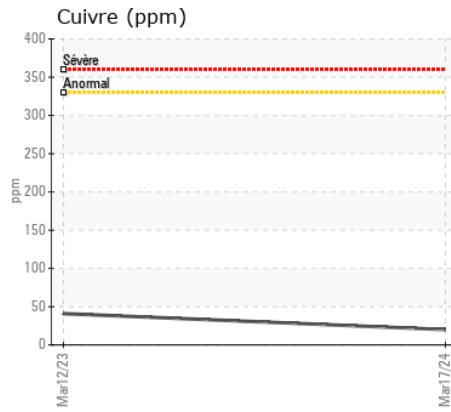
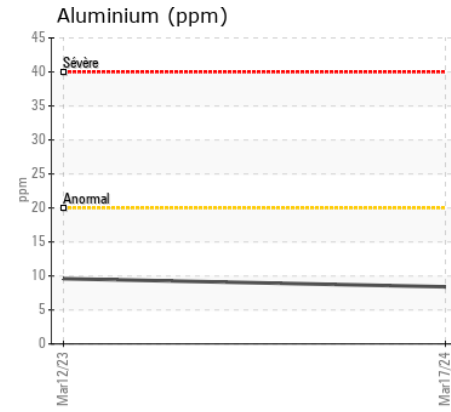
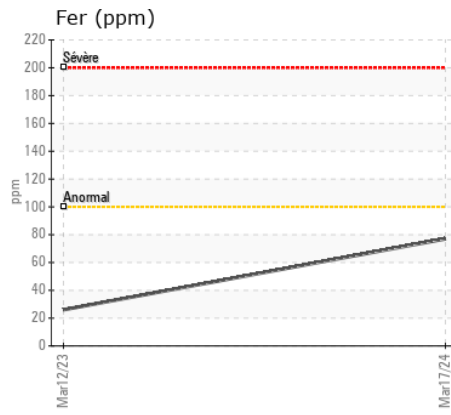
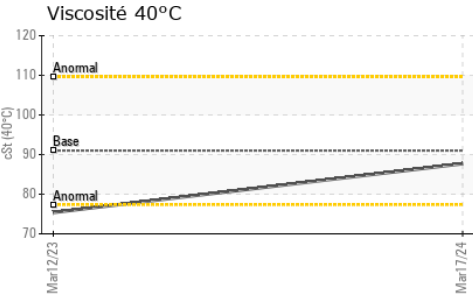
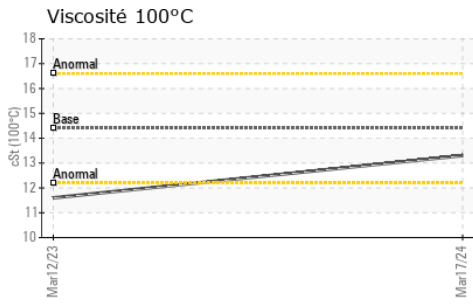
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	6	5	---
Potassium	ppm	ASTM D5185(m)	>20	1	2	---
Essence		WC Method	>5	<1.0	1.2	---
L'eau		WC Method	>0.2	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
% de suie	%	ASTM D7844*	>3	1.5	0	---
Nitration	Abs/cm	ASTM D7624*	>20	9.9	6.7	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.6	20.5	---
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	4	10	---
Bore	ppm	ASTM D5185(m)	250	15	113	---
Baryum	ppm	ASTM D5185(m)	10	0	<1	---
Molybdène	ppm	ASTM D5185(m)	100	54	26	---
Manganèse	ppm	ASTM D5185(m)		<1	2	---
Magnésium	ppm	ASTM D5185(m)	450	873	576	---
Calcium	ppm	ASTM D5185(m)	3000	1211	1475	---
Phosphore	ppm	ASTM D5185(m)	1150	941	784	---
Zinc	ppm	ASTM D5185(m)	1350	1106	822	---
Soufre	ppm	ASTM D5185(m)	4250	2525	2716	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.7	15.1	---
Visc 40°C	cSt	ASTM D7279(m)	91	87.7	75.4	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	13.3	11.6	---
Indice de viscosité (VI)	Scale	ASTM D2270*	164	152	147	---



ISO 17025:2017
Accredited
Laboratory

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

N° d'échantillon : PC0083660

N° de laboratoire : 02622634

Numéro unique : 5747753

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

Reçu : 18 Mar 2024

Tested : 18 Mar 2024

Diagnostiqué : 18 Mar 2024 - Wes Davis

LES ENTREPRISES MICHAUDVILLE INC.

270 RUE BRUNET

MONT ST-HILAIRE, QC

CA J3H 0M6

Contact: Martin Trudel
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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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