



Identité de la machine

5124

Composant

Moteur diesel

Fluide

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		PC0077411	PC0060711	---
Date d'échant.		Client Info		28 Aug 2023	02 Nov 2022	---
Âge d la Machine	hrs	Client Info		1735	1273	---
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

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	72	8	---
Chrome	ppm	ASTM D5185(m)	>20	6	0	---
Nickel	ppm	ASTM D5185(m)	>4	<1	0	---
Titane	ppm	ASTM D5185(m)		<1	<1	---
Argent	ppm	ASTM D5185(m)	>3	0	0	---
Aluminium	ppm	ASTM D5185(m)	>20	30	3	---
Plomb	ppm	ASTM D5185(m)	>40	<1	3	---
Cuivre	ppm	ASTM D5185(m)	>330	11	<1	---
Étain	ppm	ASTM D5185(m)	>15	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---

CONTAMINATION

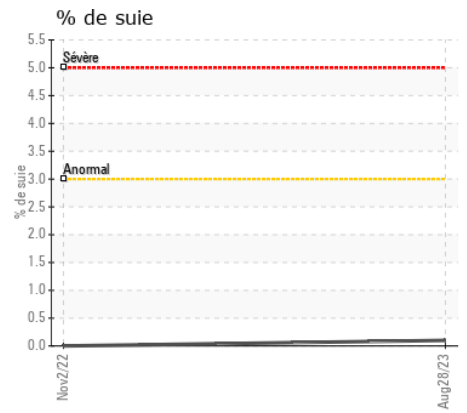
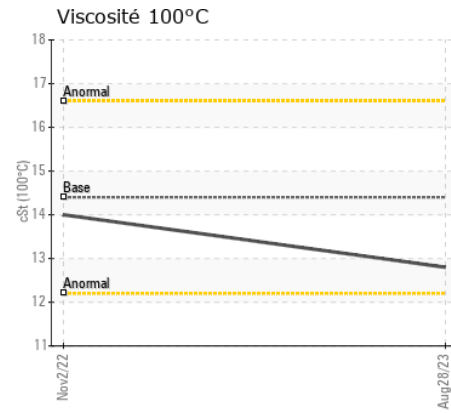
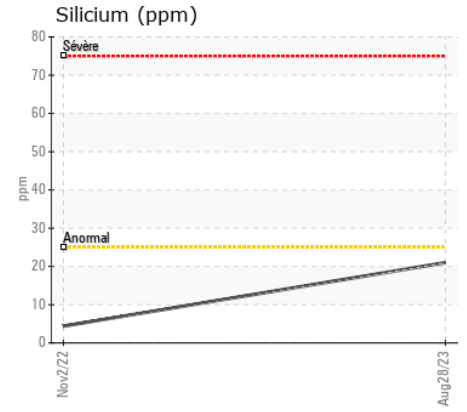
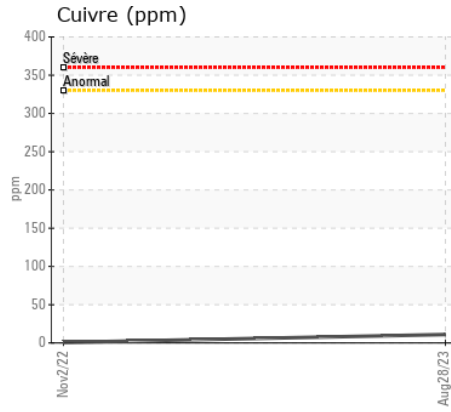
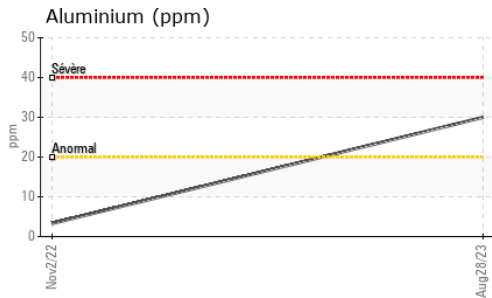
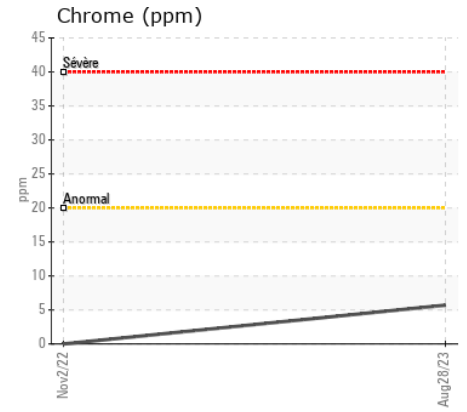
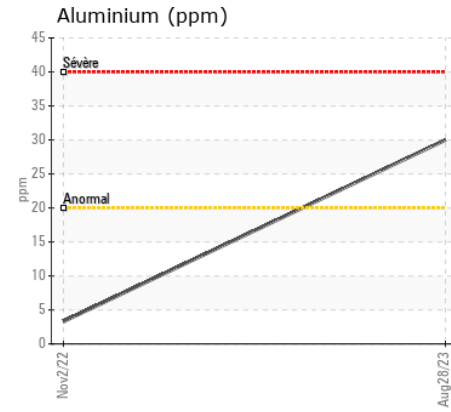
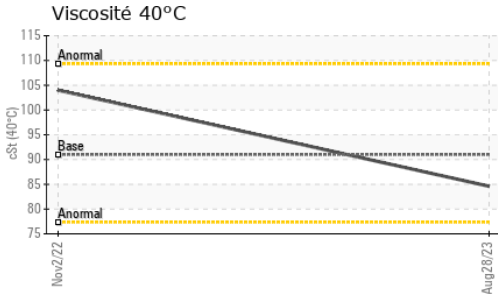
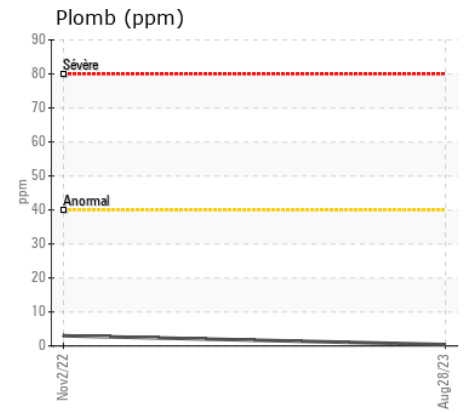
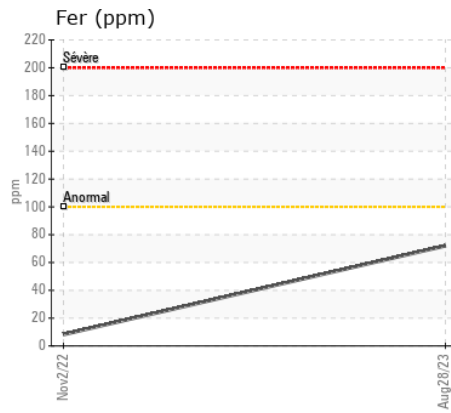
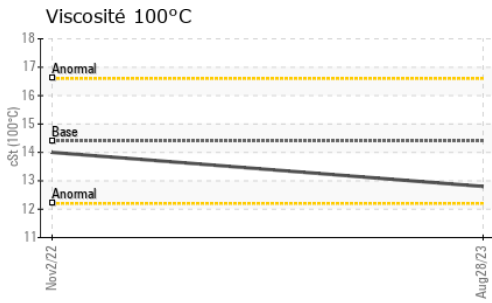
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	21	4	---
Potassium	ppm	ASTM D5185(m)	>20	40	▲ 14	---
Essence		WC Method	>5	<1.0	<1.0	---
Glycol		WC Method		NEG	▲ 0.01	---
% de suie	%	ASTM D7844*	>3	0.1	0	---
Nitration	Abs/cm	ASTM D7624*	>20	8.4	5.9	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	23.7	21.6	---
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	3	---
Bore	ppm	ASTM D5185(m)	250	13	156	---
Baryum	ppm	ASTM D5185(m)	10	0	0	---
Molybdène	ppm	ASTM D5185(m)	100	48	4	---
Manganèse	ppm	ASTM D5185(m)		<1	<1	---
Magnésium	ppm	ASTM D5185(m)	450	786	45	---
Calcium	ppm	ASTM D5185(m)	3000	1470	2076	---
Phosphore	ppm	ASTM D5185(m)	1150	1104	999	---
Zinc	ppm	ASTM D5185(m)	1350	1226	1075	---
Soufre	ppm	ASTM D5185(m)	4250	2886	2941	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	18.5	16.6	---
Visc 40°C	cSt	ASTM D7279(m)	91	84.6	104	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	12.8	14.0	---
Indice de viscosité (VI)	Scale	ASTM D2270*	164	150	136	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.
N° d'échantillon : PC0077411 **Reçu** : 29 Aug 2023
N° de laboratoire : 02578993 **Diagnostiqué** : 29 Aug 2023
Numéro unique : 5632053 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI)

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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