



Identité de la machine

1224

Composant

Moteur diesel

Fluide

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		PC0078091	PC0071994	PC0066074
Date d'échant.		Client Info		13 Sep 2023	14 Feb 2023	08 Nov 2022
Âge d la Machine	hrs	Client Info		5825	4877	4316
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	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	7	8	10
Chrome	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>4	<1	0	<1
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>20	5	8	14
Plomb	ppm	ASTM D5185(m)	>40	0	0	<1
Cuivre	ppm	ASTM D5185(m)	>330	1	1	2
Étain	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

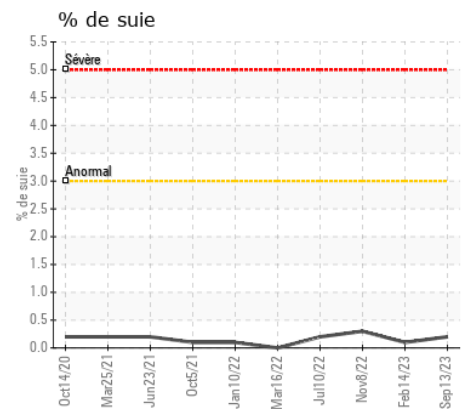
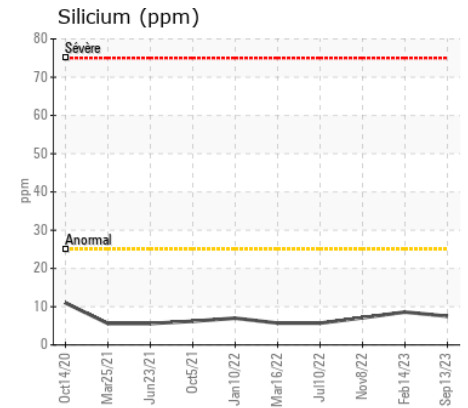
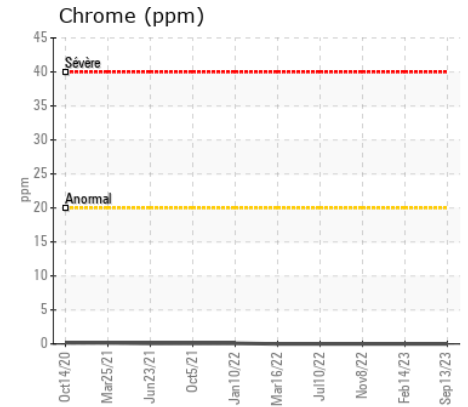
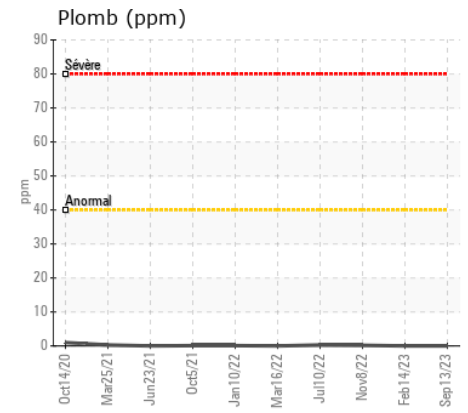
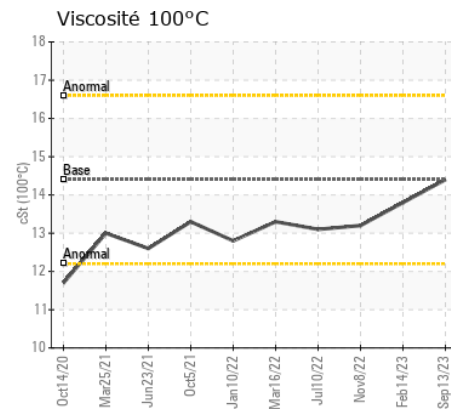
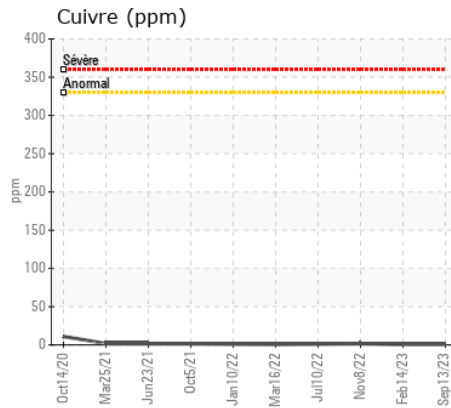
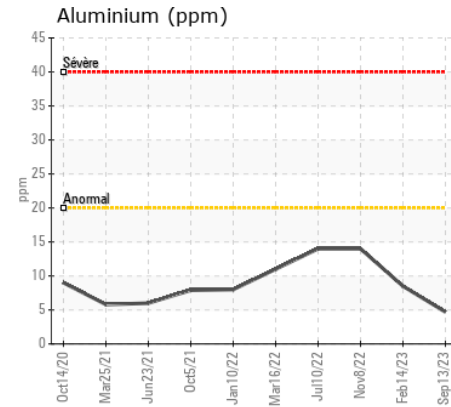
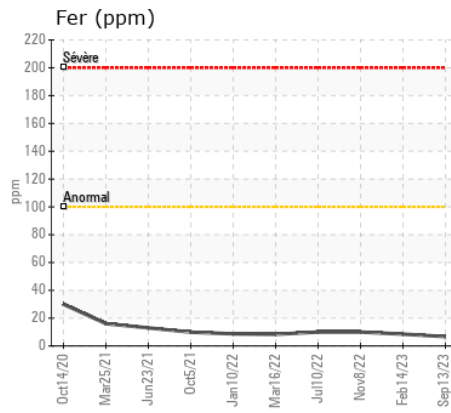
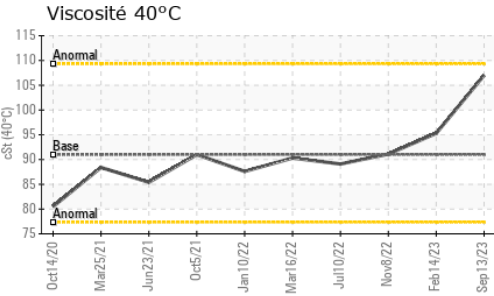
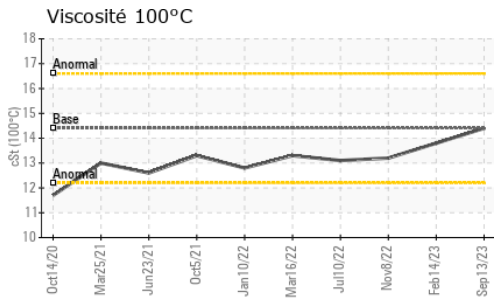
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	8	9	7
Potassium	ppm	ASTM D5185(m)	>20	15	18	31
Essence		WC Method	>5	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.2	0.1	0.3
Nitration	Abs/cm	ASTM D7624*	>20	7.9	7.6	7.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.8	20.8	21.1
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	2	1
Bore	ppm	ASTM D5185(m)	250	88	1	3
Baryum	ppm	ASTM D5185(m)	10	0	0	0
Molybdène	ppm	ASTM D5185(m)	100	14	59	56
Manganèse	ppm	ASTM D5185(m)		0	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	130	980	916
Calcium	ppm	ASTM D5185(m)	3000	2063	1145	1182
Phosphore	ppm	ASTM D5185(m)	1150	1006	1104	1061
Zinc	ppm	ASTM D5185(m)	1350	1141	1226	1176
Soufre	ppm	ASTM D5185(m)	4250	2806	2610	2494
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.2	15.4	16.0
Visc 40°C	cSt	ASTM D7279(m)	91	107	95.3	91.1
Visc 100°C	cSt	ASTM D7279(m)	14.4	14.4	13.8	13.2
Indice de viscosité (VI)	Scale	ASTM D2270*	164	137	146	144



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**
N° d'échantillon : PC0078091 **Reçu** : 14 Sep 2023 270 RUE BRUNET
N° de laboratoire : 02582433 **Diagnostiqueur** : Wes Davis MONT ST-HILAIRE, QC
Numéro unique : 5643498 **Diagnostiqueur** : Wes Davis CA J3H 0M6
Analyse : MOB 1 (Additional Tests: KV40, VI) Contact: Martin Trudel

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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