



Identité de la machine

91101

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		PC0077688	PC0075805	PC0053416
Date d'échant.		Client Info		16 Jul 2023	07 Jun 2023	13 Dec 2021
Âge d la Machine	hrs	Client Info		34868	16766	16516
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	2	4	4
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	1
Nickel	ppm	ASTM D5185(m)	>4	0	0	<1
Titane	ppm	ASTM D5185(m)		0	<1	<1
Argent	ppm	ASTM D5185(m)	>3	0	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	<1	2	1
Plomb	ppm	ASTM D5185(m)	>40	0	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	<1
Étain	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

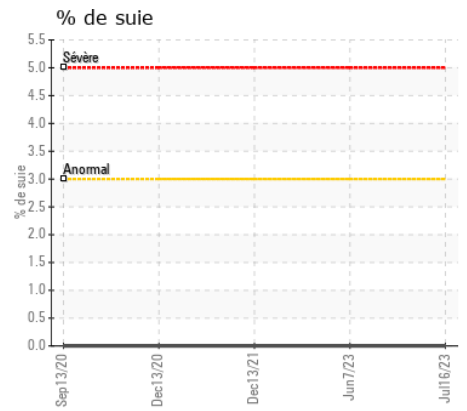
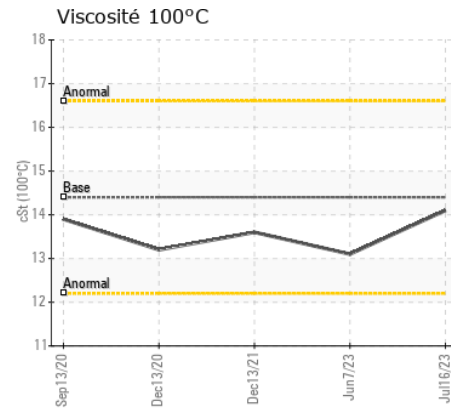
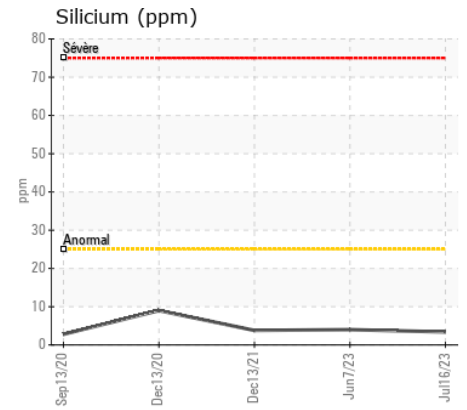
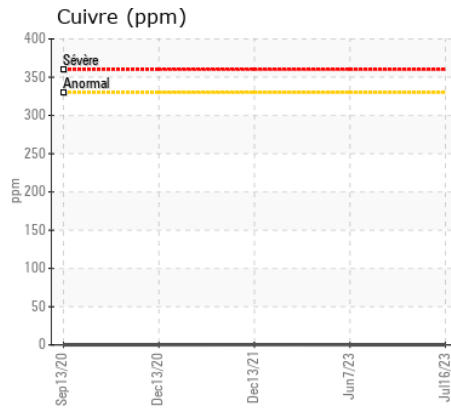
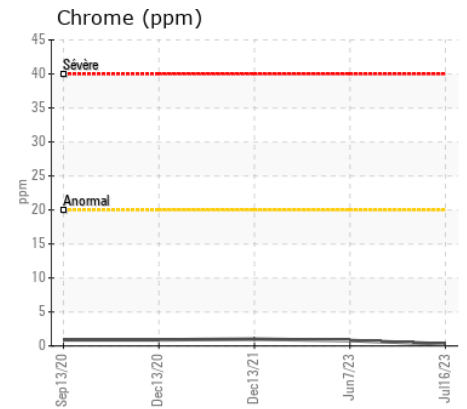
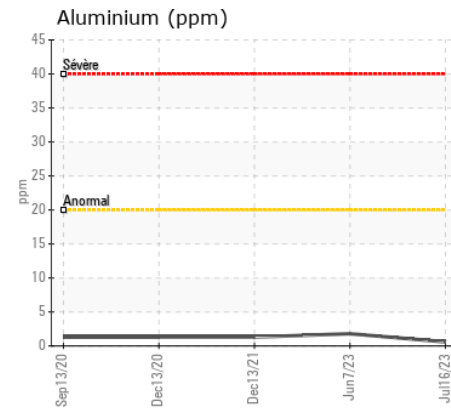
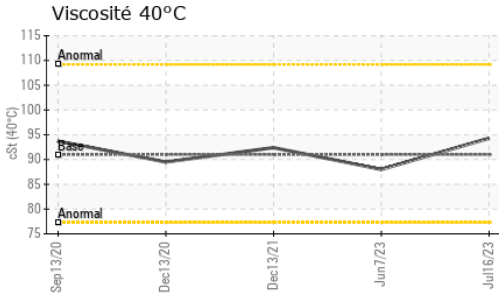
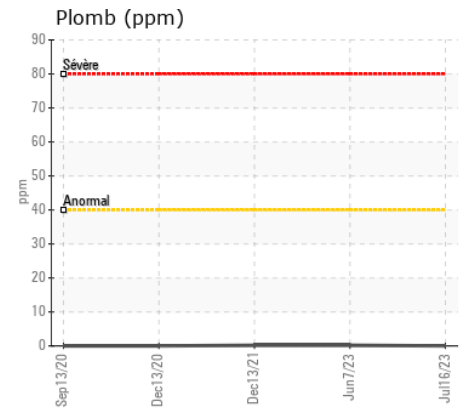
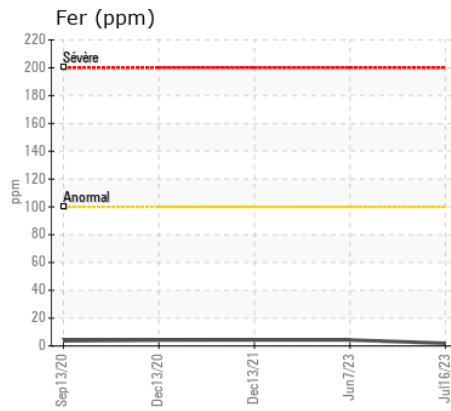
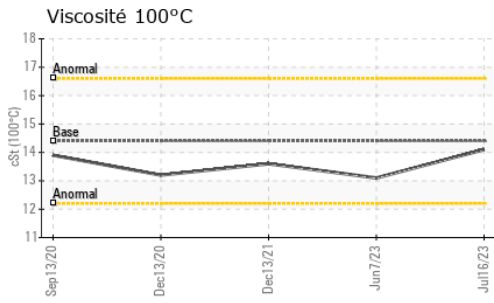
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	3	4	4
Potassium	ppm	ASTM D5185(m)	>20	<1	0	<1
Essence		WC Method	>5	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	4.4	4.8	5.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.5	17.5	18.8
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	1	1
Bore	ppm	ASTM D5185(m)	250	2	6	3
Baryum	ppm	ASTM D5185(m)	10	0	0	0
Molybdène	ppm	ASTM D5185(m)	100	55	55	53
Manganèse	ppm	ASTM D5185(m)		0	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	927	933	930
Calcium	ppm	ASTM D5185(m)	3000	1077	1202	1060
Phosphore	ppm	ASTM D5185(m)	1150	1043	1101	1024
Zinc	ppm	ASTM D5185(m)	1350	1166	1190	1178
Soufre	ppm	ASTM D5185(m)	4250	2623	2707	2633
Oxydation	Abs/.1mm	ASTM D7414*	>25	13.8	12.9	13.5
Visc 40°C	cSt	ASTM D7279(m)	91	94.3	88.0	92.4
Visc 100°C	cSt	ASTM D7279(m)	14.4	14.1	13.1	13.6
Indice de viscosité (VI)	Scale	ASTM D2270*	164	153	148	148



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUDVILLE INC.**
N° d'échantillon : PC0077688 **Reçu** : 17 Jul 2023 270 RUE BRUNET
N° de laboratoire : 02570359 **Diagnostiqué** : 17 Jul 2023 MONT ST-HILAIRE, QC
Numéro unique : 5607405 **Diagnostiqueur** : Wes Davis CA J3H 0M6
Analyse : MOB 1 (Additional Tests: KV40, VI) 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.
 Validity of results and interpretation are based on the sample and information as supplied.

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F: