



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE
Identité de la machine
1152

Composant
Moteur diesel
Fluide
DIESEL ENGINE OIL SAE 10W30 (--- 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		PC0071941	PC0060272	PC0046835
Date d'échant.		Client Info		08 Aug 2023	28 Jul 2022	25 Mar 2021
Âge d la Machine	kms	Client Info		478680	462870	448674
Âge de l'huile	kms	Client Info		0	0	0
Âge du filtre	kms	Client Info		0	0	0
Huile changée		Client Info		N/A	N/A	Changed
Filtre changé		Client Info		N/A	N/A	Changed
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	45	44	7
Chrome	ppm	ASTM D5185(m)	>20	2	1	<1
Nickel	ppm	ASTM D5185(m)	>4	1	<1	<1
Titane	ppm	ASTM D5185(m)		0	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<1	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	2	3	1
Plomb	ppm	ASTM D5185(m)	>40	10	16	2
Cuivre	ppm	ASTM D5185(m)	>330	2	3	<1
Étain	ppm	ASTM D5185(m)	>15	2	3	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

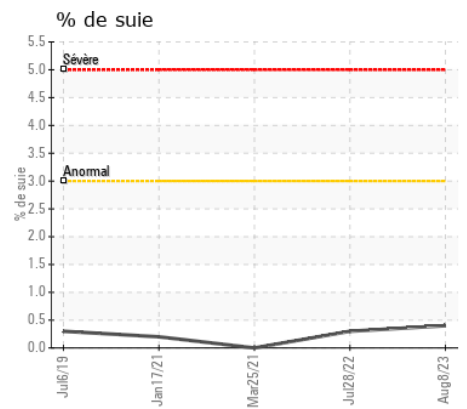
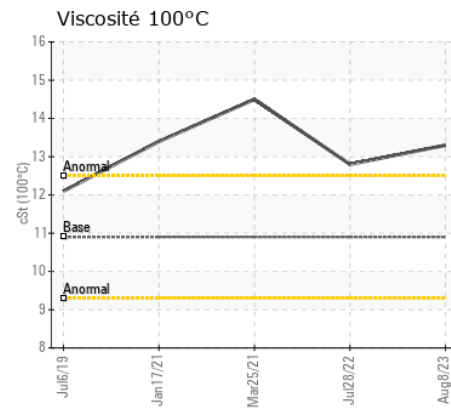
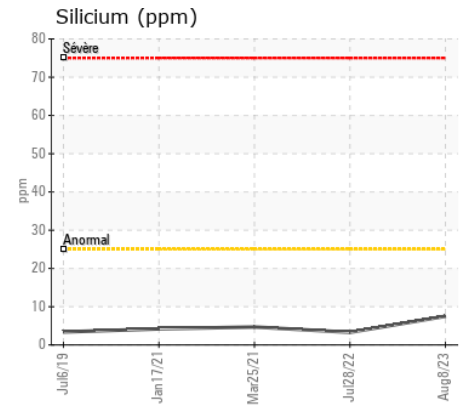
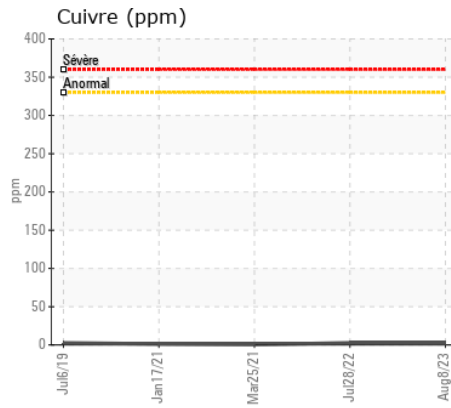
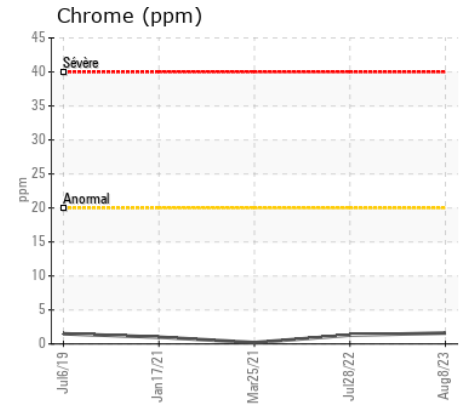
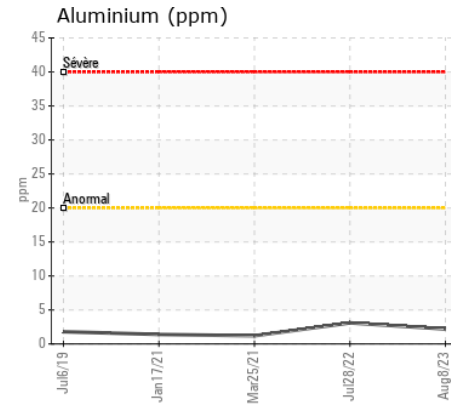
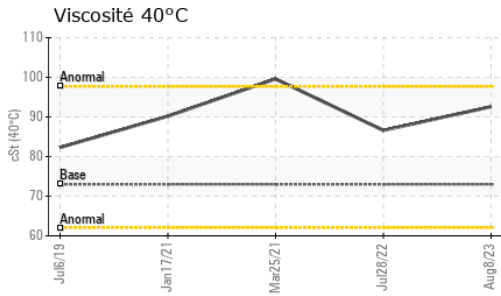
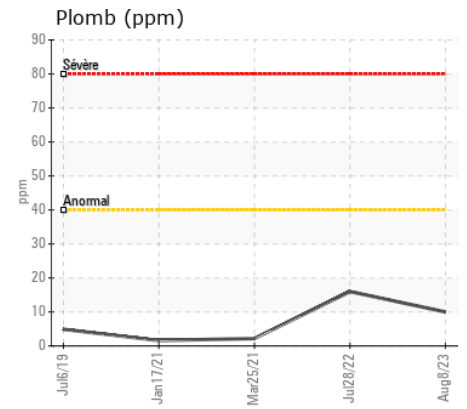
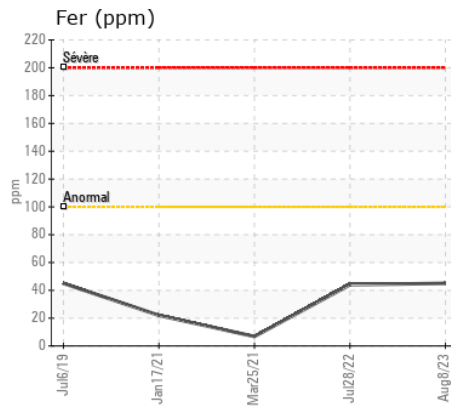
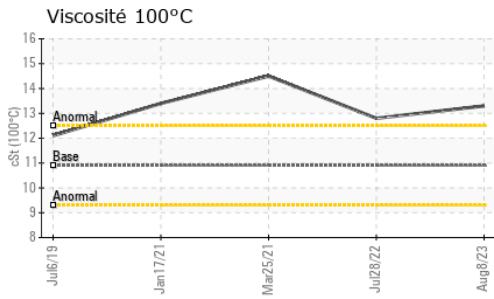
The water content is negligible. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	8	3	5
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Essence		WC Method	>5	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.4	0.3	0
Nitration	Abs/cm	ASTM D7624*	>20	9.3	8.7	4.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.5	20.9	18.0
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)		7	6	2
Bore	ppm	ASTM D5185(m)	250	1	2	2
Baryum	ppm	ASTM D5185(m)	10	0	0	0
Molybdène	ppm	ASTM D5185(m)	100	60	55	55
Manganèse	ppm	ASTM D5185(m)		<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	994	981	951
Calcium	ppm	ASTM D5185(m)	3000	1117	1118	1032
Phosphore	ppm	ASTM D5185(m)	1150	1056	1013	995
Zinc	ppm	ASTM D5185(m)	1350	1219	1230	1214
Soufre	ppm	ASTM D5185(m)	4250	2445	2597	2733
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.6	15.9	13.0
Visc 40°C	cSt	ASTM D7279(m)	73	92.6	86.6	99.6
Visc 100°C	cSt	ASTM D7279(m)	10.9	13.3	12.8	14.5
Indice de viscosité (VI)	Scale	ASTM D2270*	138	143	146	150



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUDVILLE INC.**
N° d'échantillon : PC0071941 **Reçu** : 09 Aug 2023 270 RUE BRUNET
N° de laboratoire : 02574761 **Diagnostiqué** : 09 Aug 2023 MONT ST-HILAIRE, QC
Numéro unique : 5619812 **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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