



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE

Identité de la machine

5042

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		PC0073017	PC0047471	PC0037880
Date d'échant.		Client Info		06 Jul 2023	07 Jul 2021	02 Sep 2020
Âge d la Machine	hrs	Client Info		7180	4704	3659
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	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	8	5	10
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	0	0
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>20	1	1	1
Plomb	ppm	ASTM D5185(m)	>40	<1	0	<1
Cuivre	ppm	ASTM D5185(m)	>330	18	1	3
Étain	ppm	ASTM D5185(m)	>15	0	<1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	---	NONE
Bronze	scalar	Visual*	NONE	NONE	---	NONE

CONTAMINATION

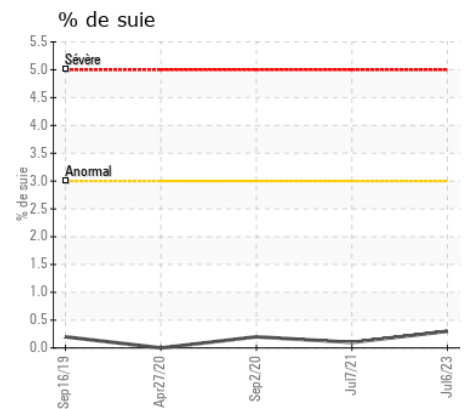
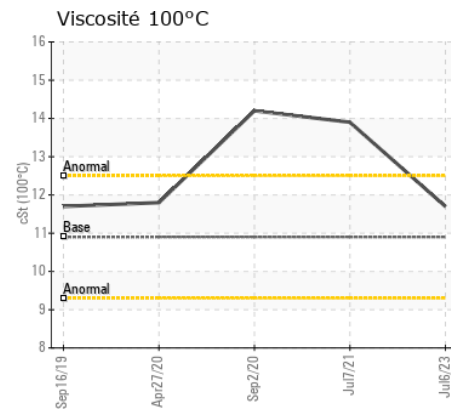
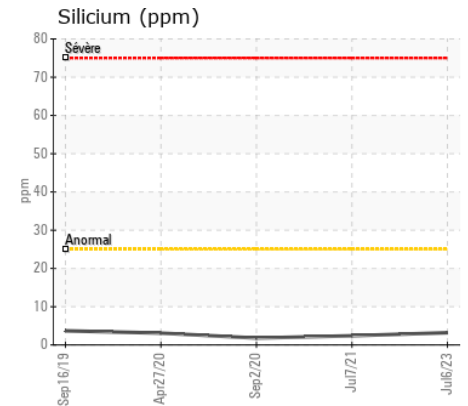
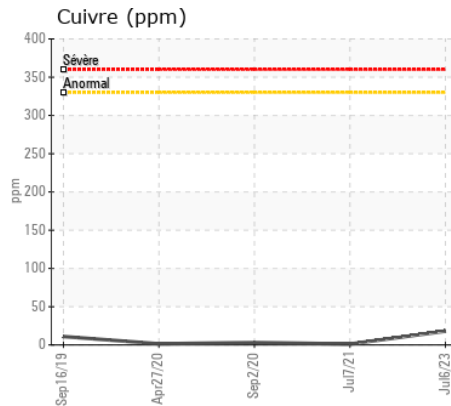
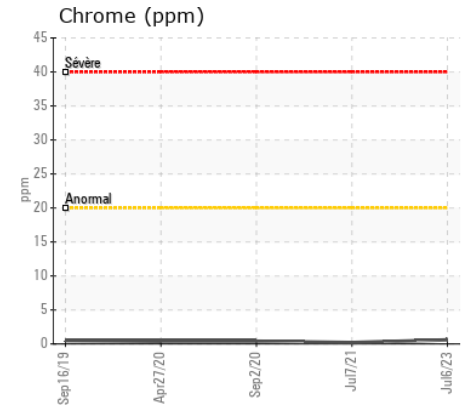
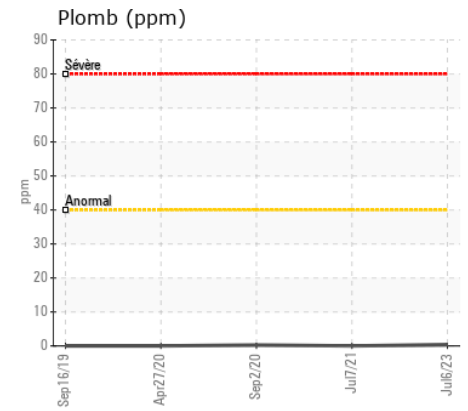
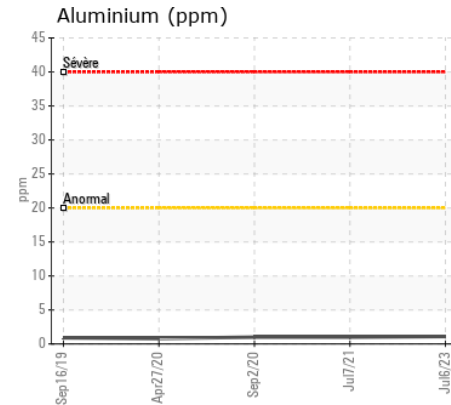
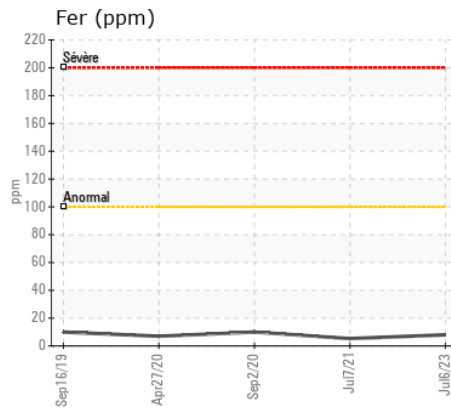
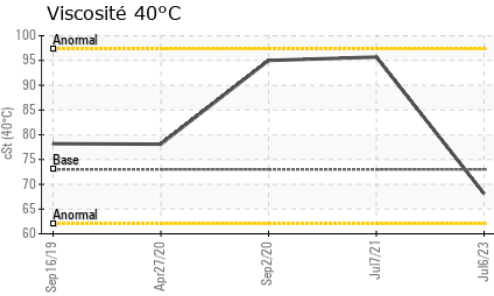
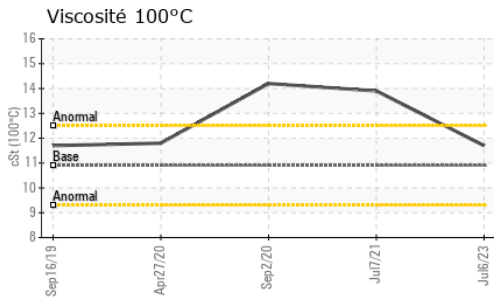
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	3	2	2
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	2
Essence		WC Method	>5	<1.0	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.3	0.1	0.2
Nitration	Abs/cm	ASTM D7624*	>20	5.0	5.2	5.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	34.7	17.7	18.5
Limon	scalar	Visual*	NONE	NONE	---	NONE
Débris	scalar	Visual*	NONE	NONE	---	NONE
Saleté	scalar	Visual*	NONE	NONE	---	VLITE
Apparence	scalar	Visual*	NORML	NORML	---	NORML
Odeur	scalar	Visual*	NORML	NORML	---	NORML
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)		1	1	<1
Bore	ppm	ASTM D5185(m)	250	2	2	2
Baryum	ppm	ASTM D5185(m)	10	0	0	<1
Molybdène	ppm	ASTM D5185(m)	100	24	56	57
Manganèse	ppm	ASTM D5185(m)		<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	388	986	962
Calcium	ppm	ASTM D5185(m)	3000	2191	1040	1007
Phosphore	ppm	ASTM D5185(m)	1150	1072	1042	994
Zinc	ppm	ASTM D5185(m)	1350	1186	1193	1199
Soufre	ppm	ASTM D5185(m)	4250	3311	2606	2589
Oxydation	Abs/.1mm	ASTM D7414*	>25	25.3	13.4	13.7
Visc 40°C	cSt	ASTM D7279(m)	73	68.1	95.7	95.0
Visc 100°C	cSt	ASTM D7279(m)	10.9	11.7	13.9	14.2
Indice de viscosité (VI)	Scale	ASTM D2270*	138	168	147	153



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUDVILLE INC.**
N° d'échantillon : PC0073017 **Reçu** : 07 Jul 2023
N° de laboratoire : 02568471 **Diagnostiqué** : 07 Jul 2023
Numéro unique : 5605517 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

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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