



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE
Identité de la machine
1509

Composant
Moteur diesel
Fluid
DIESEL ENGINE OIL SAE 15W40 (--- 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		PC0083481	PC0077391	PC0072229
Date d'échant.		Client Info		31 Jan 2024	13 Sep 2023	24 May 2023
Âge d la Machine	hrs	Client Info		7177	6666	6229
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	12	9
Chrome	ppm	ASTM D5185(m)	>20	0	<1	0
Nickel	ppm	ASTM D5185(m)	>4	0	0	<1
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	<1	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	2	3	3
Plomb	ppm	ASTM D5185(m)	>40	<1	<1	0
Cuivre	ppm	ASTM D5185(m)	>330	1	4	1
Étain	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

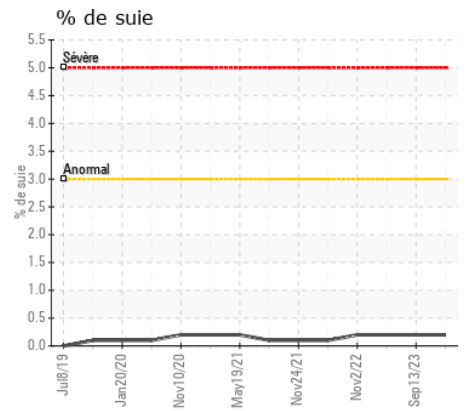
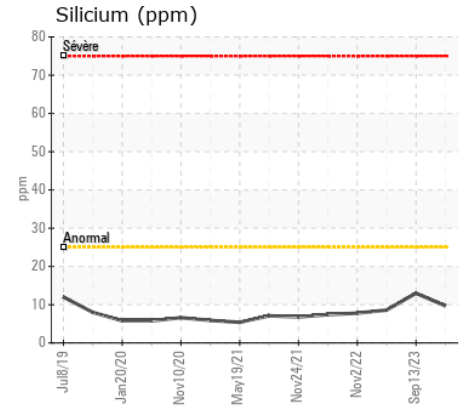
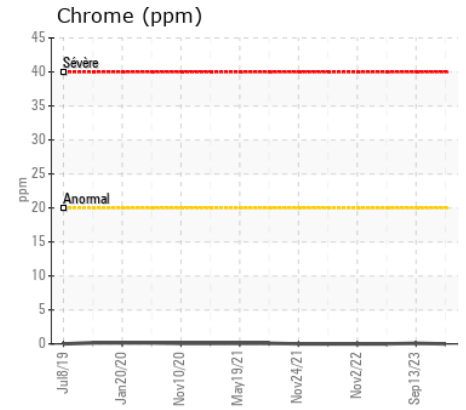
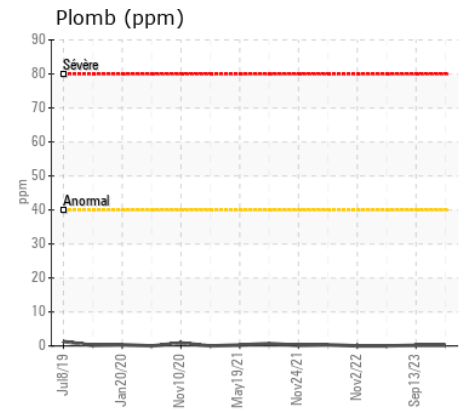
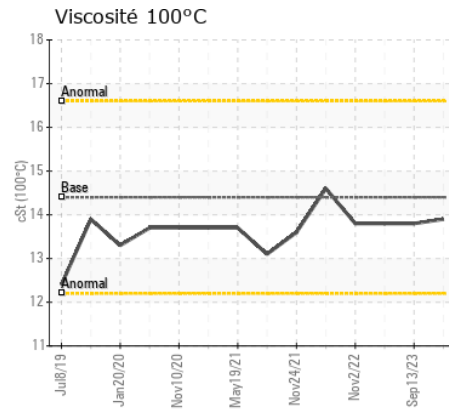
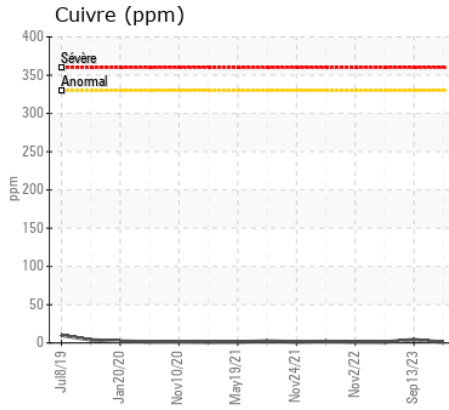
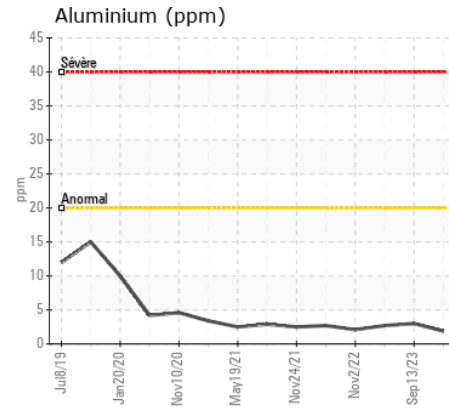
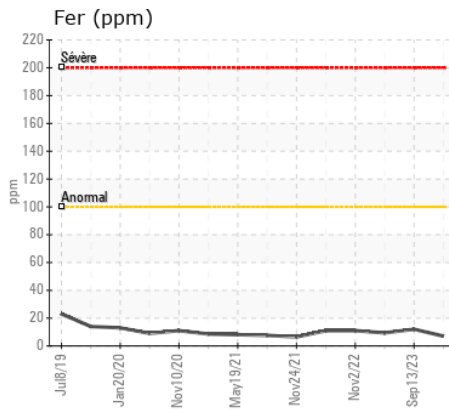
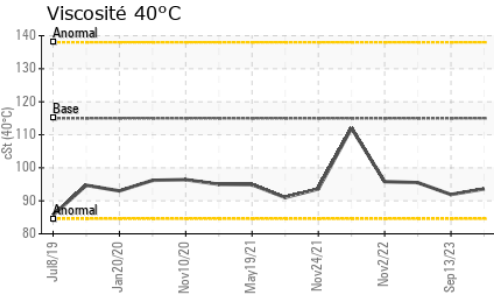
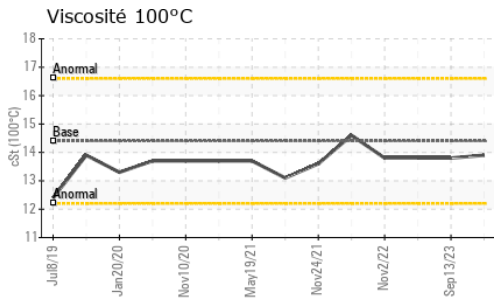
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	10	13	9
Potassium	ppm	ASTM D5185(m)	>20	2	5	2
Essence		WC Method	>5	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.2	0.2	0.2
Nitration	Abs/cm	ASTM D7624*	>20	7.6	7.4	8.1
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.4	20.5	19.4
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)	>158	<1	2	1
Bore	ppm	ASTM D5185(m)	250	<1	2	2
Baryum	ppm	ASTM D5185(m)	10	0	0	0
Molybdène	ppm	ASTM D5185(m)	100	58	54	58
Manganèse	ppm	ASTM D5185(m)		0	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	955	908	957
Calcium	ppm	ASTM D5185(m)	3000	1084	1156	1160
Phosphore	ppm	ASTM D5185(m)	1150	1002	1062	1075
Zinc	ppm	ASTM D5185(m)	1350	1161	1179	1184
Soufre	ppm	ASTM D5185(m)	4250	2641	2590	2623
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.4	15.8	15.6
Visc 40°C	cSt	ASTM D7279(m)	115	93.6	91.9	95.5
Visc 100°C	cSt	ASTM D7279(m)	14.4	13.9	13.8	13.8
Indice de viscosité (VI)	Scale	ASTM D2270*	126	151	153	146



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**
N° d'échantillon : PC0083481 **Reçu** : 01 Feb 2024 270 RUE BRUNET
N° de laboratoire : 02612788 **Diagnostiqué** : 01 Feb 2024 MONT ST-HILAIRE, QC
Numéro unique : 5721883 **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. mtrudel@michaudville.com
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T:
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada. F: