



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur
MICHAUDVILLE

Identité de la machine

8505

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		PC0072012	PC0064736	PC0054131
Date d'échant.		Client Info		16 Jul 2023	09 Jun 2022	19 Oct 2021
Âge d la Machine	hrs	Client Info		5042	4696	4179
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	39	43	29
Chrome	ppm	ASTM D5185(m)	>20	<1	1	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	4	3	3
Plomb	ppm	ASTM D5185(m)	>40	4	5	4
Cuivre	ppm	ASTM D5185(m)	>330	3	2	1
Étain	ppm	ASTM D5185(m)	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

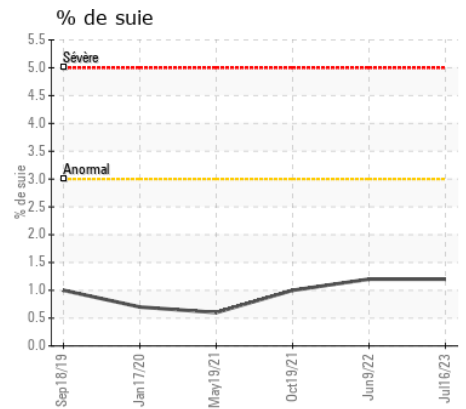
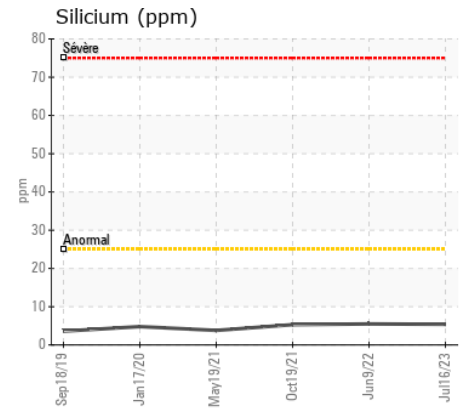
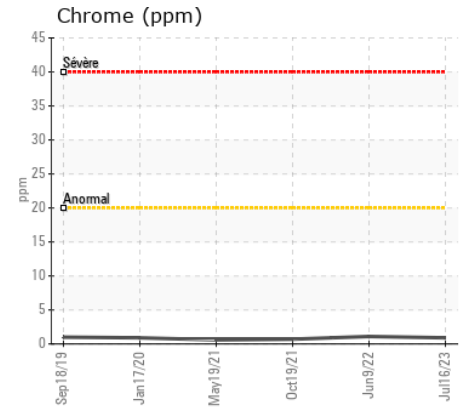
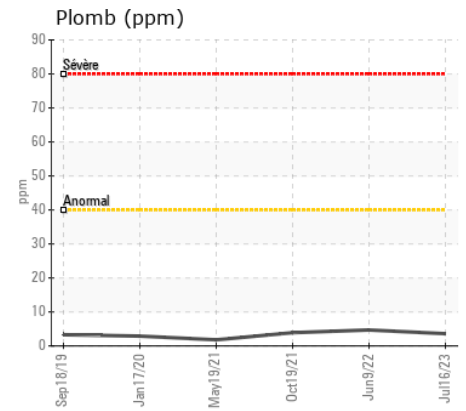
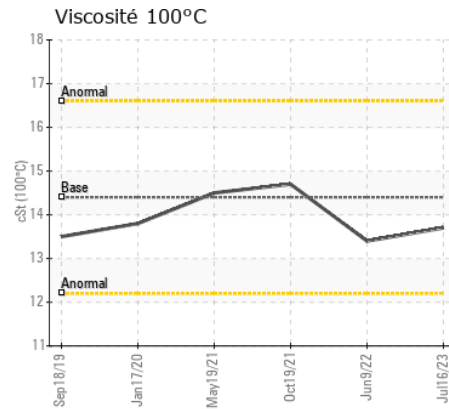
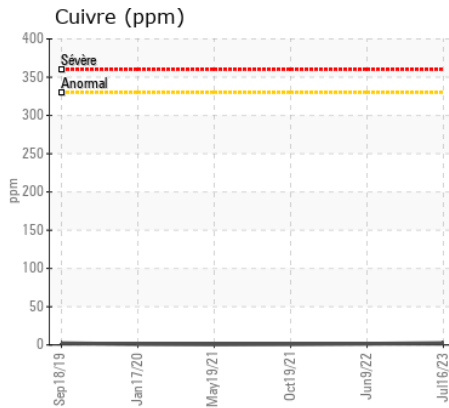
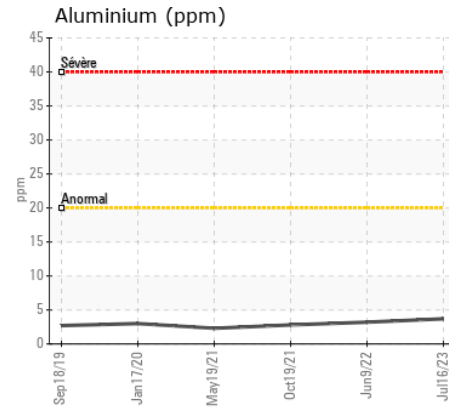
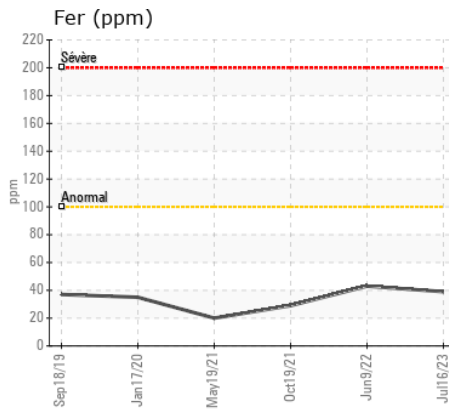
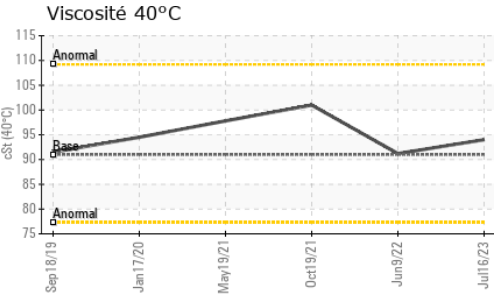
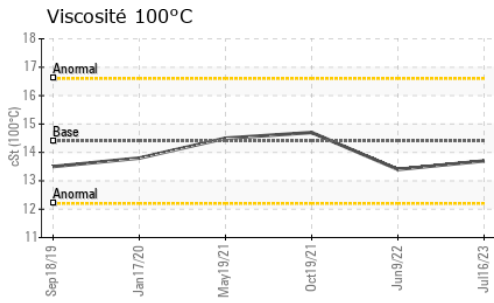
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	5	6	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	1.2	1.2	1
Nitration	Abs/cm	ASTM D7624*	>20	11.3	11.5	9.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	21.1	23.5	20.6
Limon	scalar	Visual*	NONE	VLITE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	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)	>44	2	2	2
Bore	ppm	ASTM D5185(m)	250	2	2	2
Baryum	ppm	ASTM D5185(m)	10	0	0	0
Molybdène	ppm	ASTM D5185(m)	100	58	59	61
Manganèse	ppm	ASTM D5185(m)		<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	965	997	1010
Calcium	ppm	ASTM D5185(m)	3000	1072	1083	1048
Phosphore	ppm	ASTM D5185(m)	1150	1057	1082	1092
Zinc	ppm	ASTM D5185(m)	1350	1200	1241	1260
Soufre	ppm	ASTM D5185(m)	4250	2526	2547	2603
Oxydation	Abs/.1mm	ASTM D7414*	>25	16.4	18.0	15.5
Visc 40°C	cSt	ASTM D7279(m)	91	94.0	91.2	101
Visc 100°C	cSt	ASTM D7279(m)	14.4	13.7	13.4	14.7
Indice de viscosité (VI)	Scale	ASTM D2270*	164	147	147	151



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**
N° d'échantillon : PC0072012 **Reçu** : 17 Jul 2023
N° de laboratoire : 02570366 **Diagnostiqué** : 17 Jul 2023
Numéro unique : 5607412 **Diagnostiqueur** : Wes Davis
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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