



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

1224

Composant

Moteur diesel

Fluid

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		PC0082907	PC0083695	PC0078091
Date d'échant.		Client Info		11 Jun 2024	21 Jan 2024	13 Sep 2023
Âge d la Machine	hrs	Client Info		6883	6388	5825
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	9	9	7
Chrome	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	0	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	4	5	5
Plomb	ppm	ASTM D5185(m)	>40	0	<1	0
Cuivre	ppm	ASTM D5185(m)	>330	1	2	1
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

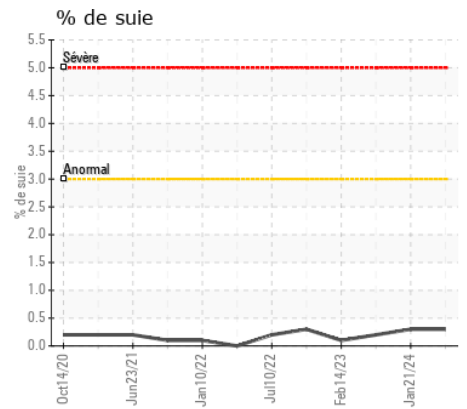
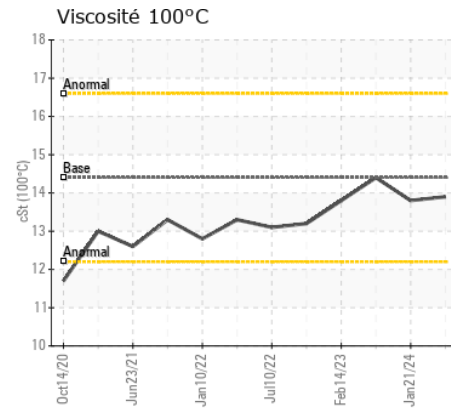
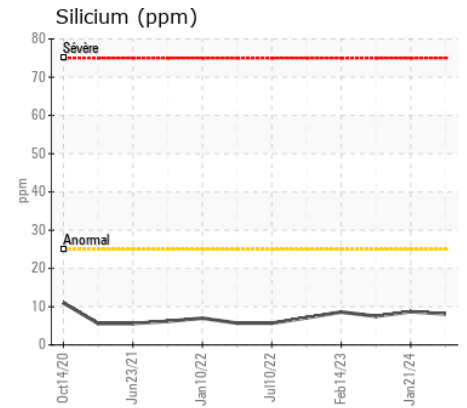
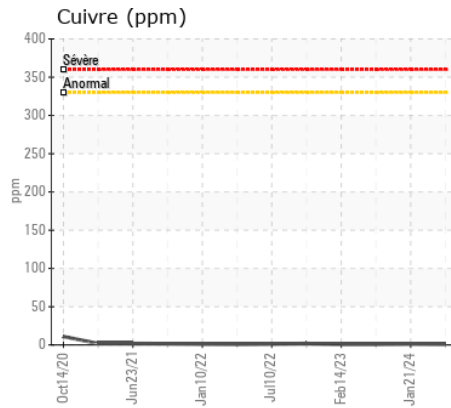
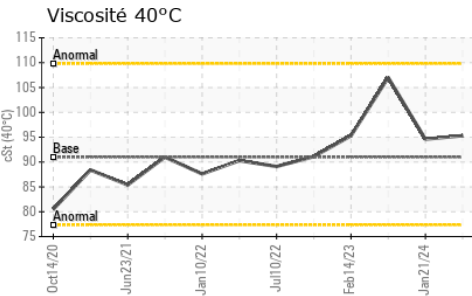
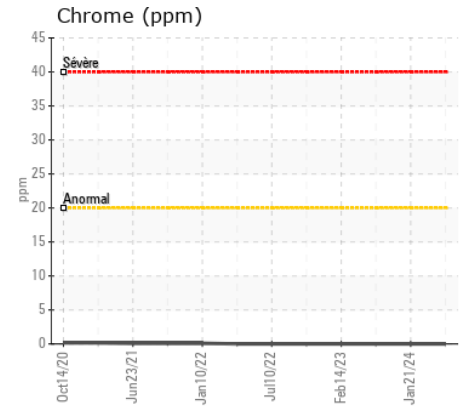
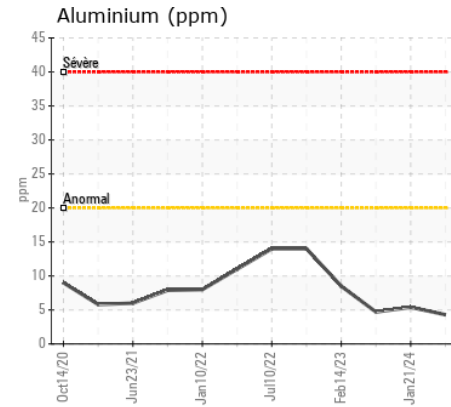
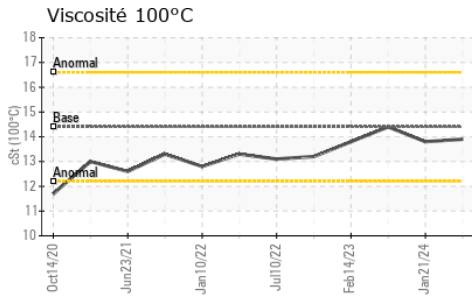
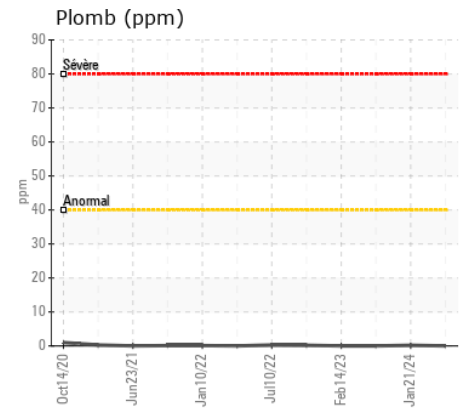
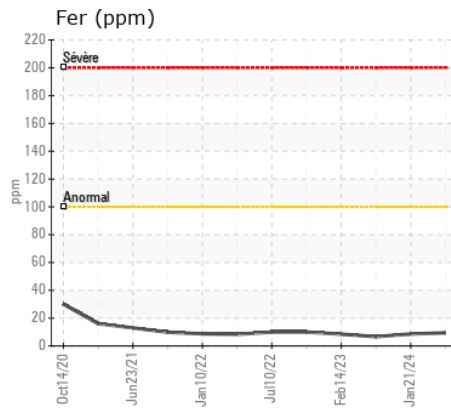
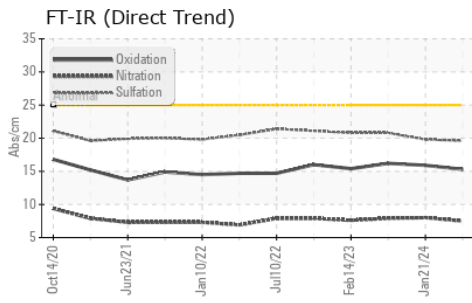
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	8	9	8
Potassium	ppm	ASTM D5185(m)	>20	8	12	15
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	0.3	0.3	0.2
Nitration	Abs/cm	ASTM D7624*	>20	7.5	8.0	7.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.6	19.8	20.8
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	<1	<1	2
Bore	ppm	ASTM D5185(m)	250	2	6	88
Baryum	ppm	ASTM D5185(m)	10	0	0	0
Molybdène	ppm	ASTM D5185(m)	100	57	54	14
Manganèse	ppm	ASTM D5185(m)		0	0	0
Magnésium	ppm	ASTM D5185(m)	450	943	878	130
Calcium	ppm	ASTM D5185(m)	3000	1095	1197	2063
Phosphore	ppm	ASTM D5185(m)	1150	983	999	1006
Zinc	ppm	ASTM D5185(m)	1350	1187	1172	1141
Soufre	ppm	ASTM D5185(m)	4250	2458	2632	2806
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.3	15.9	16.2
Visc 40°C	cSt	ASTM D7279(m)	91	95.3	94.6	107
Visc 100°C	cSt	ASTM D7279(m)	14.4	13.9	13.8	14.4
Indice de viscosité (VI)	Scale	ASTM D2270*	164	148	148	137



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : PC0082907

N° de laboratoire : 02641368

Numéro unique : 5798907

Analyse : MOB 1 (Additional Tests: KV40, VI)

Reçu : 12 Jun 2024

Tested : 12 Jun 2024

Diagnostiqué : 12 Jun 2024 - Wes Davis

LES ENTREPRISES MICHAUDVILLE INC.

270 RUE BRUNET

MONT ST-HILAIRE, QC

CA J3H 0M6

Contact: Martin Trudel

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T:

F:

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.