



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

1514

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		PC0089208	PC0083893	PC0077436
Date d'échant.		Client Info		27 May 2024	03 Dec 2023	14 Aug 2023
Âge d la Machine	hrs	Client Info		5596	5066	4533
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	19	12	10
Chrome	ppm	ASTM D5185(m)	>20	0	0	<1
Nickel	ppm	ASTM D5185(m)	>4	0	<1	0
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	0	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	6	5	5
Plomb	ppm	ASTM D5185(m)	>40	0	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	2	2	2
Étain	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

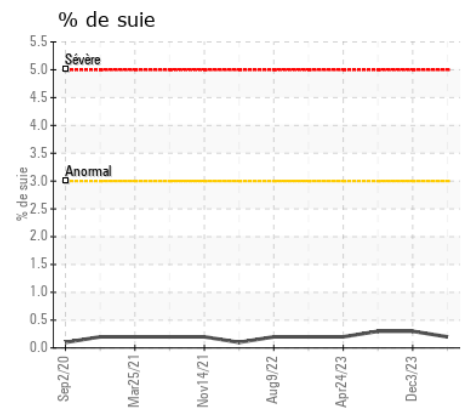
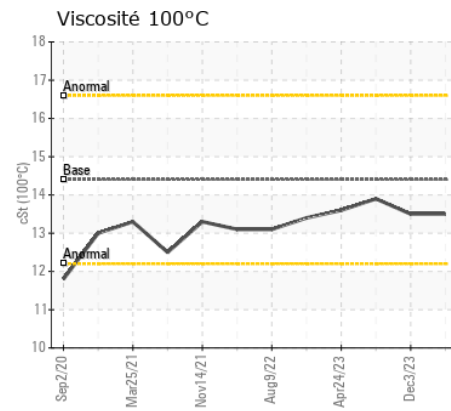
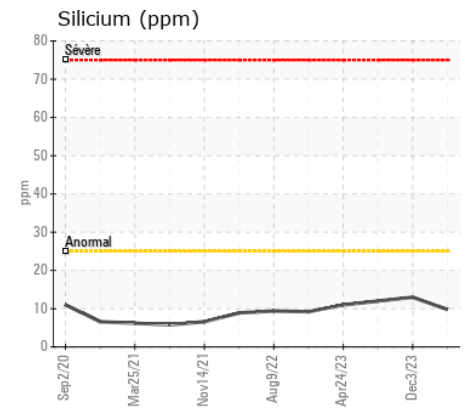
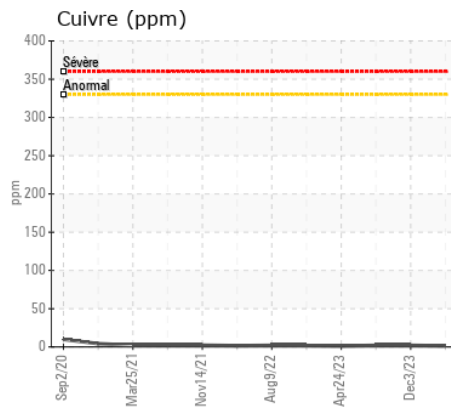
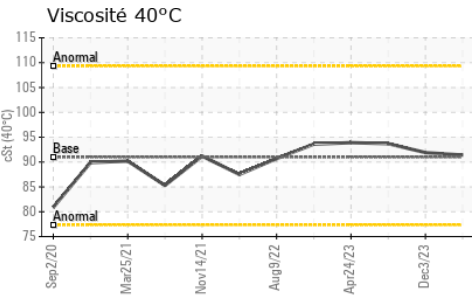
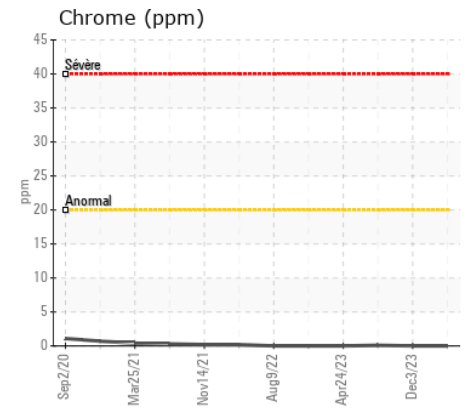
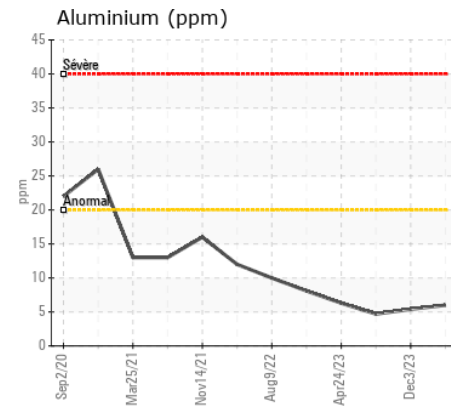
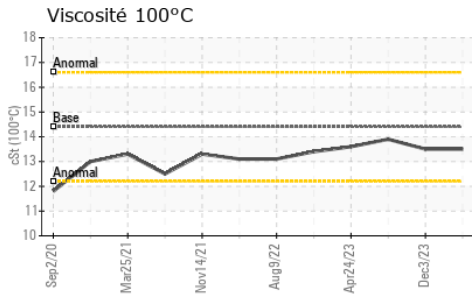
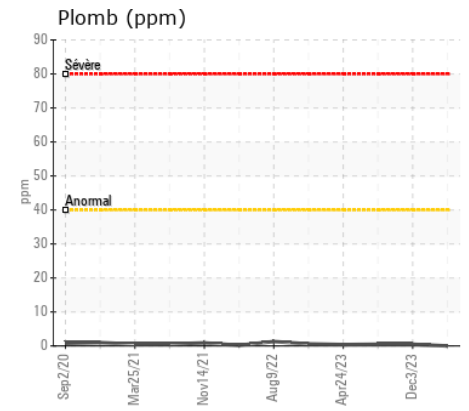
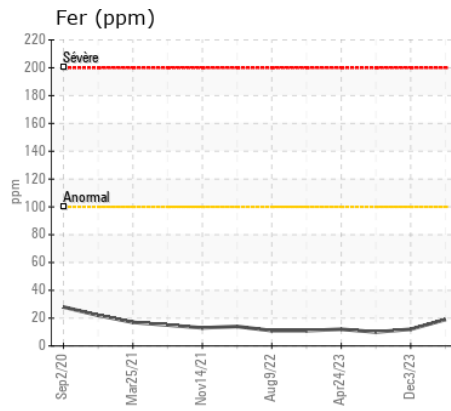
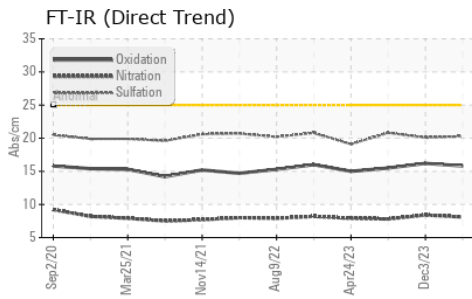
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	10	13	12
Potassium	ppm	ASTM D5185(m)	>20	6	8	8
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	0.3	0.3
Nitration	Abs/cm	ASTM D7624*	>20	8.1	8.4	7.8
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.3	20.1	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	2	2	3
Bore	ppm	ASTM D5185(m)	250	<1	1	1
Baryum	ppm	ASTM D5185(m)	10	0	<1	0
Molybdène	ppm	ASTM D5185(m)	100	57	58	59
Manganèse	ppm	ASTM D5185(m)		<1	0	<1
Magnésium	ppm	ASTM D5185(m)	450	943	959	988
Calcium	ppm	ASTM D5185(m)	3000	1151	1096	1098
Phosphore	ppm	ASTM D5185(m)	1150	989	957	1066
Zinc	ppm	ASTM D5185(m)	1350	1189	1198	1200
Soufre	ppm	ASTM D5185(m)	4250	2434	2334	2524
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.8	16.2	15.5
Visc 40°C	cSt	ASTM D7279(m)	91	91.4	91.9	93.7
Visc 100°C	cSt	ASTM D7279(m)	14.4	13.5	13.5	13.9
Indice de viscosité (VI)	Scale	ASTM D2270*	164	149	148	151



ISO 17025:2017
Accredited
Laboratory

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

N° d'échantillon : PC0089208

N° de laboratoire : 02637821

Numéro unique : 5786983

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

Reçu : 28 May 2024

Tested : 28 May 2024

Diagnostiqué : 28 May 2024 - Wes Davis

LES ENTREPRISES MICHAUDVILLE INC.

270 RUE BRUNET

MONT ST-HILAIRE, QC

CA J3H 0M6

Contact: Martin Trudel

mtrudel@michaudville.com

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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