



Secteur

MICHAUDVILLE

Identité de la machine

6546

Composant

Moteur diesel

Fluide

DIESEL ENGINE OIL SAE 5W40 (--- GAL)

RECOMMENDATION

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the component make and model with your next sample.

USURE

All component wear rates are normal.

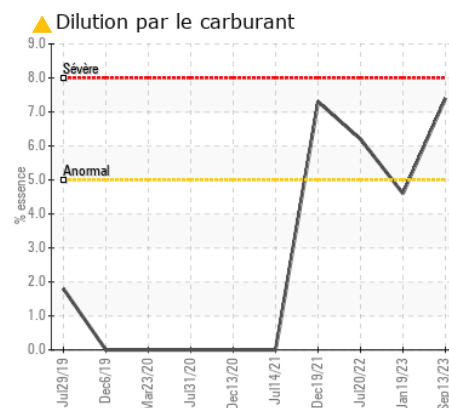
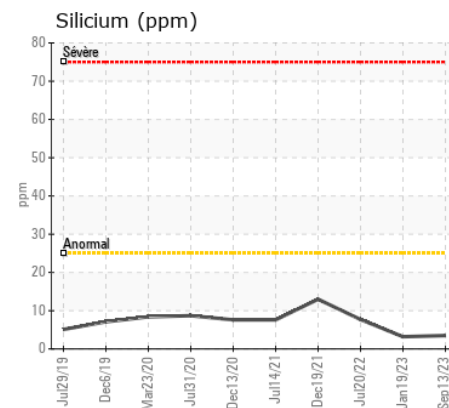
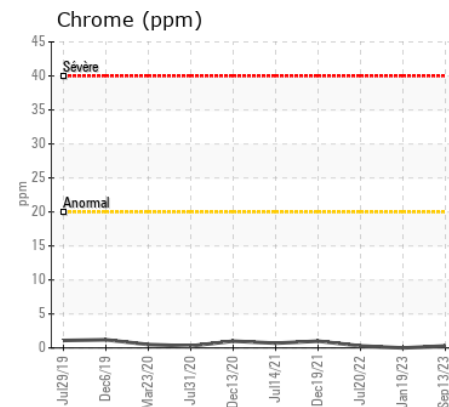
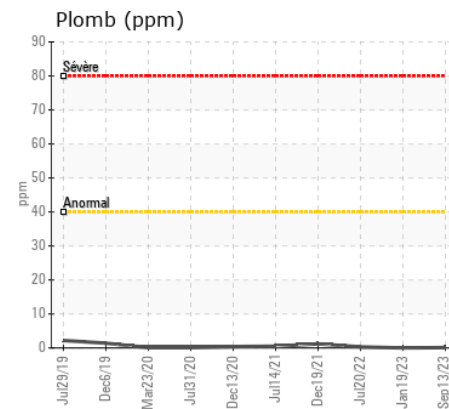
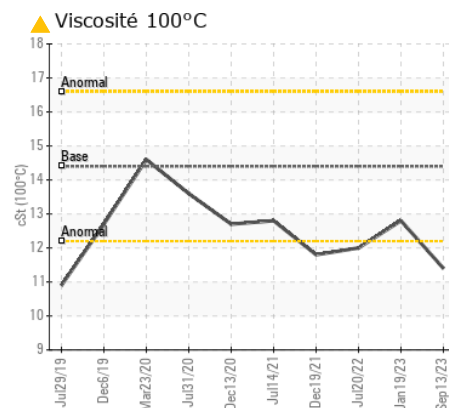
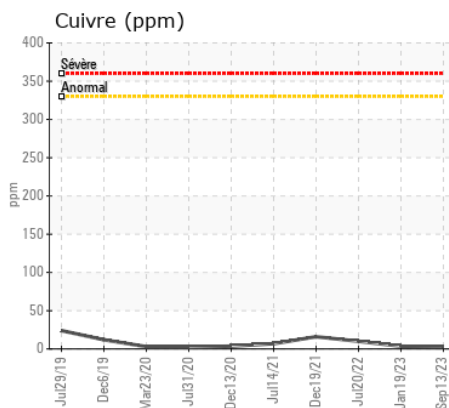
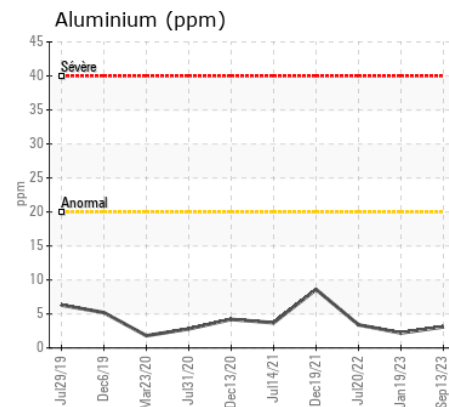
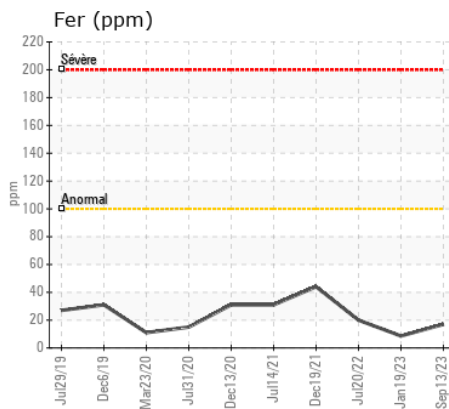
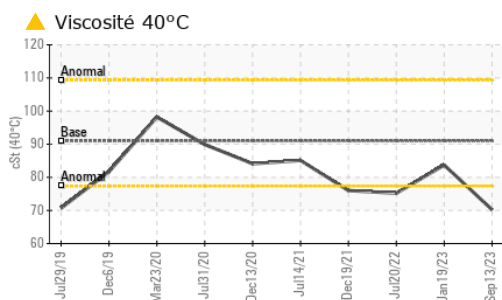
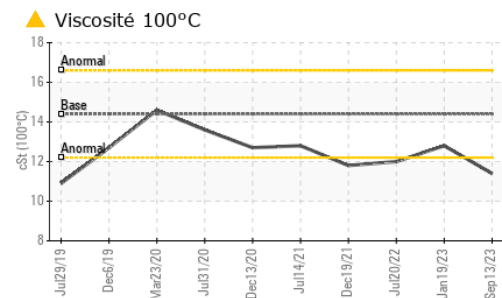
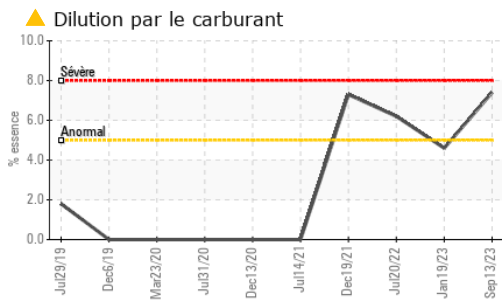
CONTAMINATION

There is a moderate amount of fuel present in the oil. Tests confirm the presence of fuel in the oil.

ÉTAT DU FLUIDE

Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0078409	PC0067592	PC0060722
Date d'échant.		Client Info		13 Sep 2023	19 Jan 2023	20 Jul 2022
Âge d la Machine	hrs	Client Info		4130	0	2673
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.				ABNORMAL	MARGINAL	ABNORMAL
Fer	ppm	ASTM D5185(m)	>100	17	9	20
Chrome	ppm	ASTM D5185(m)	>20	<1	0	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	0	0
Titane	ppm	ASTM D5185(m)		0	<1	<1
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	3	2	3
Plomb	ppm	ASTM D5185(m)	>40	<1	0	<1
Cuivre	ppm	ASTM D5185(m)	>330	3	4	10
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	VLITE	---	NONE
Bronze	scalar	Visual*	NONE	NONE	---	NONE
Silicium	ppm	ASTM D5185(m)	>25	4	3	8
Potassium	ppm	ASTM D5185(m)	>20	0	0	0
Essence	%	ASTM D7593*	>5	▲ 7.4	▲ 4.6	▲ 6.2
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.1	0	0
Nitration	Abs/cm	ASTM D7624*	>20	8.2	6.6	4.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.2	19.4	14.4
Limon	scalar	Visual*	NONE	NONE	---	NONE
Débris	scalar	Visual*	NONE	NONE	---	VLITE
Saleté	scalar	Visual*	NONE	NONE	---	NONE
Apparence	scalar	Visual*	NORML	NORML	---	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)	>44	2	3	3
Bore	ppm	ASTM D5185(m)	250	3	2	2
Baryum	ppm	ASTM D5185(m)	10	0	0	0
Molybdène	ppm	ASTM D5185(m)	100	53	54	55
Manganèse	ppm	ASTM D5185(m)		<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	891	878	913
Calcium	ppm	ASTM D5185(m)	3000	1043	1090	1082
Phosphore	ppm	ASTM D5185(m)	1150	947	996	934
Zinc	ppm	ASTM D5185(m)	1350	1091	1106	1168
Soufre	ppm	ASTM D5185(m)	4250	2231	2492	2387
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.0	14.5	7.6
Visc 40°C	cSt	ASTM D7279(m)	91	▲ 70.2	83.7	75.2
Visc 100°C	cSt	ASTM D7279(m)	14.4	▲ 11.4	12.8	▲ 12.0
Indice de viscosité (VI)	Scale	ASTM D2270*	164	156	151	155



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**
N° d'échantillon : PC0078409 **Reçu** : 14 Sep 2023
N° de laboratoire : 02582402 **Diagnostiqué** : 15 Sep 2023
Numéro unique : 5643467 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: FuelDilution, KV40, PercentFuel, VI, Visual)

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131. **Contact: Martin Trudel**
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. **mtrudel@michaudville.com**
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada. **T:**
F: