



# RAPPORT D'ANALYSE D'HUILE

USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>

Secteur  
**MICHAUDVILLE**

Identité de la machine

**7506**

Composant

**Moteur diesel**

Fluide

**DIESEL ENGINE OIL SAE 10W30 (--- 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		<b>PC0082430</b>	PC0077684	PC0065070
Date d'échant.		Client Info		<b>21 Nov 2023</b>	24 Jul 2023	08 Sep 2022
Âge d la Machine	hrs	Client Info		<b>6816</b>	6485	6036
Âge de l'huile	hrs	Client Info		<b>0</b>	0	0
Âge du filtre	hrs	Client Info		<b>0</b>	0	0
Huile changée		Client Info		<b>N/A</b>	N/A	N/A
Filtre changé		Client Info		<b>N/A</b>	N/A	N/A
Statut de l'échant.				<b>NORMAL</b>	ABNORMAL	NORMAL

## USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	<b>35</b>	▲ 103	77
Chrome	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	2	1
Nickel	ppm	ASTM D5185(m)	>4	<b>0</b>	<1	0
Titane	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<b>&lt;1</b>	0	0
Aluminium	ppm	ASTM D5185(m)	>20	<b>6</b>	9	8
Plomb	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	0	0
Cuivre	ppm	ASTM D5185(m)	>330	<b>2</b>	2	1
Étain	ppm	ASTM D5185(m)	>15	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	VLITE	---
Bronze	scalar	Visual*	NONE	<b>VLITE</b>	NONE	---

## CONTAMINATION

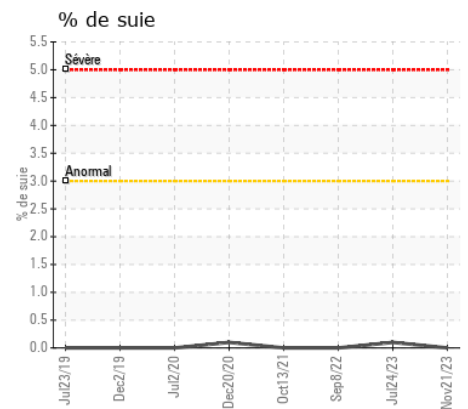
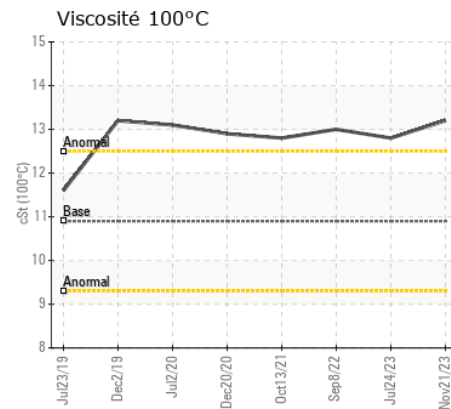
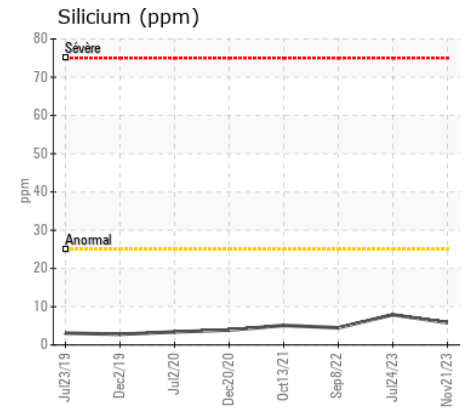
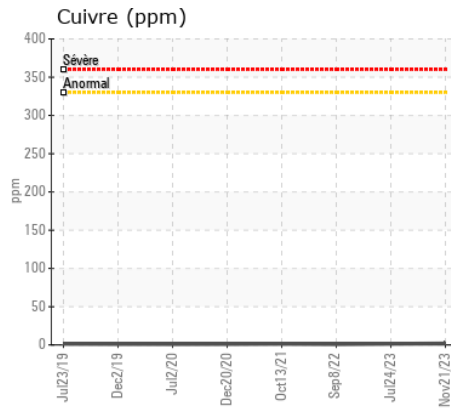
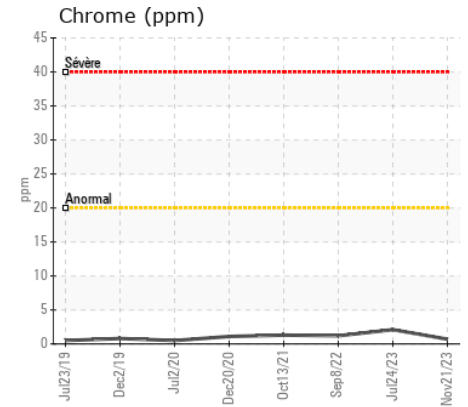
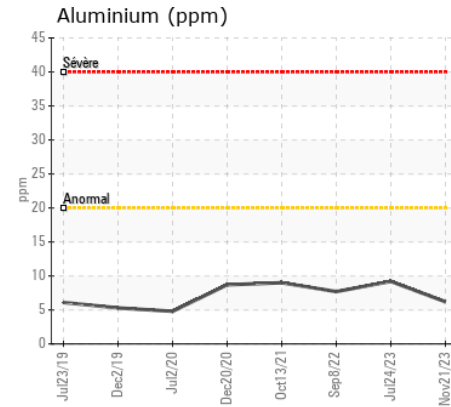
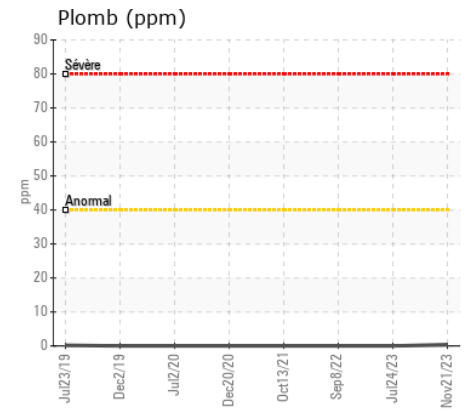
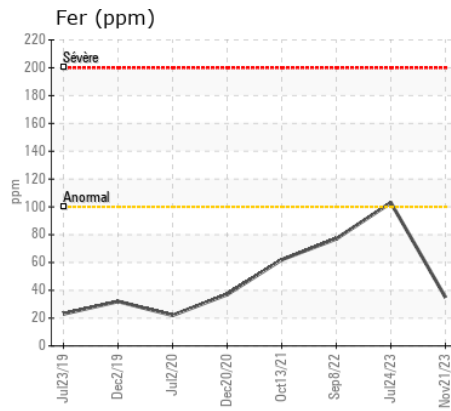
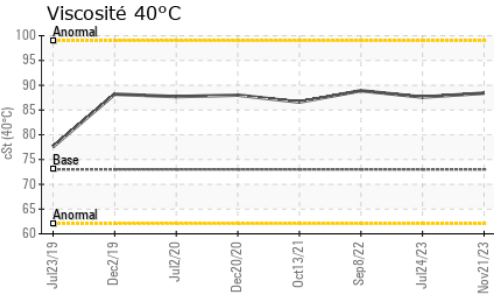
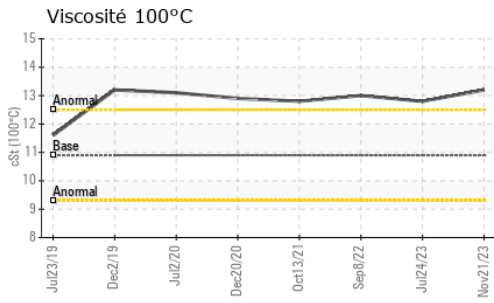
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	<b>6</b>	8	4
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	14	3
Essence		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	0.0	NEG
% de suie	%	ASTM D7844*	>3	<b>0</b>	0.1	0
Nitration	Abs/cm	ASTM D7624*	>20	<b>6.8</b>	7.9	7.6
Sulfatation	Abs/.1mm	ASTM D7415*	>30	<b>18.6</b>	18.6	19.4
Limon	scalar	Visual*	NONE	<b>VLITE</b>	NONE	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	NEG

## ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		<b>26</b>	105	26
Bore	ppm	ASTM D5185(m)	250	<b>2</b>	1	2
Baryum	ppm	ASTM D5185(m)	10	<b>&lt;1</b>	0	0
Molybdène	ppm	ASTM D5185(m)	100	<b>61</b>	76	59
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	<b>936</b>	955	933
Calcium	ppm	ASTM D5185(m)	3000	<b>1083</b>	1092	1093
Phosphore	ppm	ASTM D5185(m)	1150	<b>992</b>	1056	1048
Zinc	ppm	ASTM D5185(m)	1350	<b>1194</b>	1169	1179
Soufre	ppm	ASTM D5185(m)	4250	<b>2509</b>	2568	2565
Oxydation	Abs/.1mm	ASTM D7414*	>25	<b>14.2</b>	14.5	14.8
Visc 40°C	cSt	ASTM D7279(m)	73	<b>88.4</b>	87.6	88.9
Visc 100°C	cSt	ASTM D7279(m)	10.9	<b>13.2</b>	12.8	13.0
Indice de viscosité (VI)	Scale	ASTM D2270*	138	<b>149</b>	144	145



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.  
**N° d'échantillon** : PC0082430 **Reçu** : 22 Nov 2023  
**N° de laboratoire** : 02598114 **Diagnostiqué** : 22 Nov 2023  
**Numéro unique** : 5683194 **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.

La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.

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