



Secteur

MICHAUDVILLE

Identité de la machine

7506

Composant

Moteur diesel

Fluide

DIESEL ENGINE OIL SAE 10W30 (--- 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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0077684	PC0065070	PC0053287
Date d'échant.		Client Info		24 Jul 2023	08 Sep 2022	13 Oct 2021
Âge d la Machine	hrs	Client Info		6485	6036	5615
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	NORMAL	NORMAL

USURE

Iron ppm levels are abnormal. Cylinder, crank, or cam shaft wear is indicated.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184*		0	---	---
Fer	ppm	ASTM D5185(m)	>100	▲ 103	77	62
Chrome	ppm	ASTM D5185(m)	>20	2	1	1
Nickel	ppm	ASTM D5185(m)	>4	<1	0	0
Titane	ppm	ASTM D5185(m)		<1	<1	0
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	9	8	9
Plomb	ppm	ASTM D5185(m)	>40	0	0	0
Cuivre	ppm	ASTM D5185(m)	>330	2	1	2
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	VLITE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

There is no indication of any contamination in the oil.

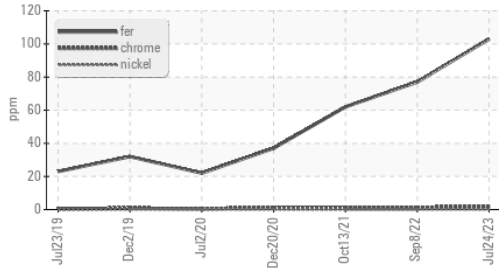
Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicium	ppm	ASTM D5185(m)	>25	8	4	5
Potassium	ppm	ASTM D5185(m)	>20	14	3	4
Essence		WC Method	>5	<1.0	<1.0	<1.0
Glycol	%	ASTM D7922*		0.0	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.1	0	0
Nitration	Abs/cm	ASTM D7624*	>20	7.9	7.6	7.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.6	19.4	19.1
Limon	scalar	Visual*	NONE	NONE	---	---
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

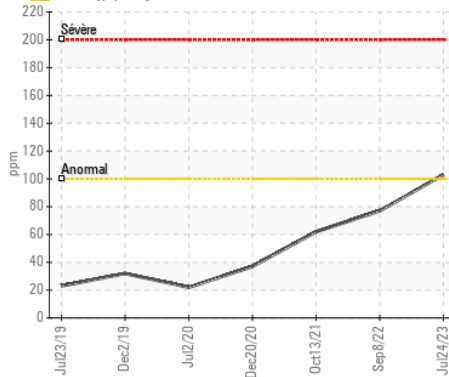
The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185(m)		105	26	26
Bore	ppm	ASTM D5185(m)	250	1	2	3
Baryum	ppm	ASTM D5185(m)	10	0	0	0
Molybdène	ppm	ASTM D5185(m)	100	76	59	59
Manganèse	ppm	ASTM D5185(m)		<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	955	933	1007
Calcium	ppm	ASTM D5185(m)	3000	1092	1093	1074
Phosphore	ppm	ASTM D5185(m)	1150	1056	1048	1082
Zinc	ppm	ASTM D5185(m)	1350	1169	1179	1249
Soufre	ppm	ASTM D5185(m)	4250	2568	2565	2696
Oxydation	Abs/.1mm	ASTM D7414*	>25	14.5	14.8	14.4
Visc 40°C	cSt	ASTM D7279(m)	73	87.6	88.9	86.6
Visc 100°C	cSt	ASTM D7279(m)	10.9	12.8	13.0	12.8
Indice de viscosité (VI)	Scale	ASTM D2270*	138	144	145	146

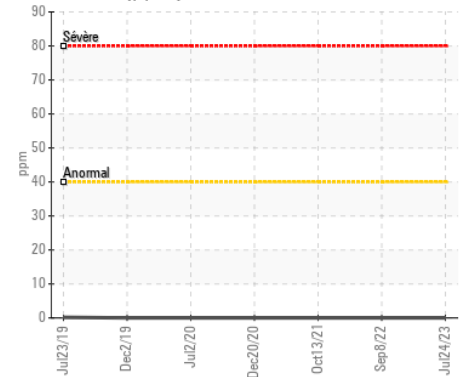
▲ Alliages ferreux



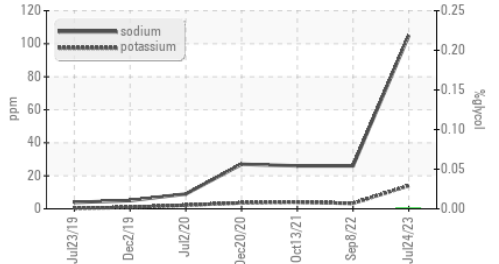
▲ Fer (ppm)



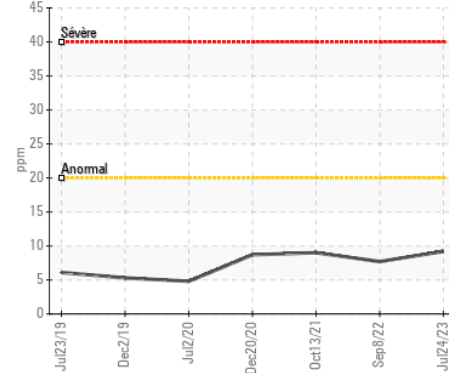
Plomb (ppm)



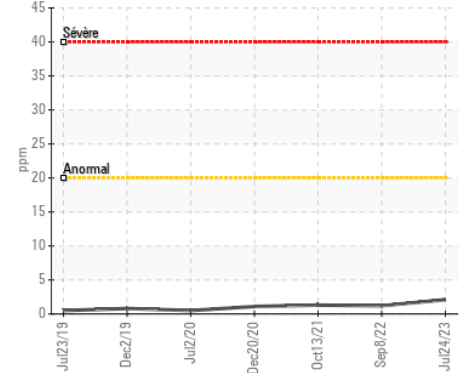
Contamination par le glycol



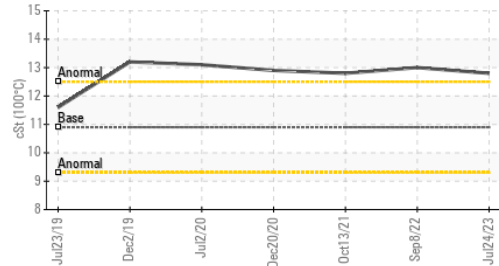
Aluminium (ppm)



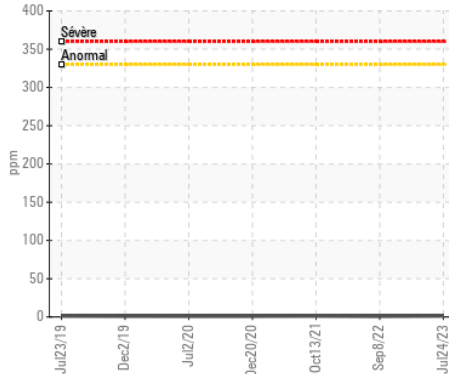
Chrome (ppm)



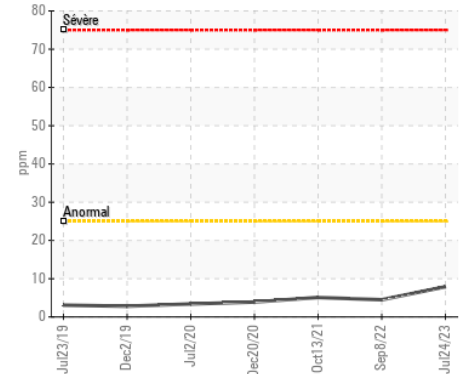
Viscosité 100°C



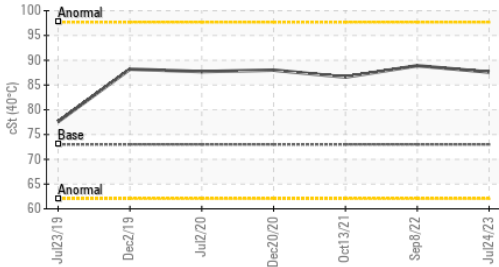
Cuivre (ppm)



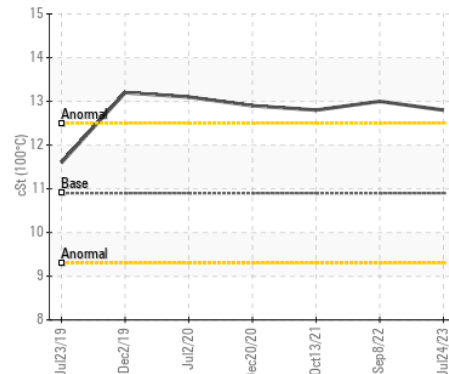
Silicium (ppm)



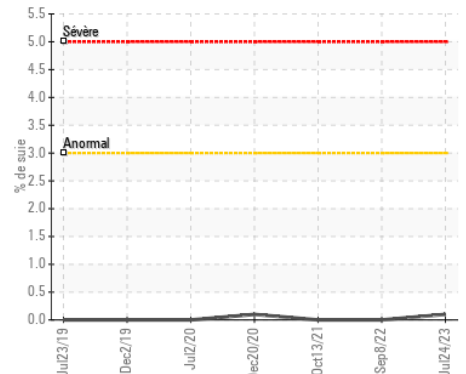
Viscosité 40°C



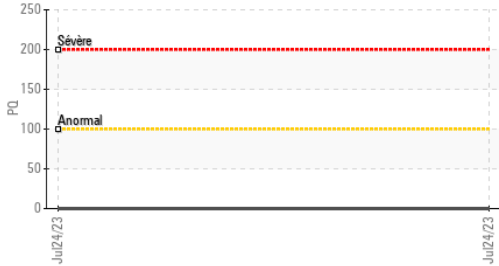
Viscosité 100°C



% de suie



PQ



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.
N° d'échantillon : PC0077684 **Reçu** : 25 Jul 2023
N° de laboratoire : 02571881 **Diagnostiqué** : 26 Jul 2023
Numéro unique : 5616932 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1 (Additional Tests: Glycol, KV40, PQ, 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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