



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

MICHAUDVILLE

Identité de la machine

5510

Composant

Moteur diesel

Fluid

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		PC0088537	PC0078088	PC0057191
Date d'échant.		Client Info		03 Apr 2024	13 Sep 2023	17 Nov 2022
Âge d la Machine	hrs	Client Info		7056	6690	6850
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	ABNORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	6	9	4
Chrome	ppm	ASTM D5185(m)	>20	0	<1	0
Nickel	ppm	ASTM D5185(m)	>4	0	0	0
Titane	ppm	ASTM D5185(m)		0	0	0
Argent	ppm	ASTM D5185(m)	>3	0	<1	▲ 5
Aluminium	ppm	ASTM D5185(m)	>20	4	7	4
Plomb	ppm	ASTM D5185(m)	>40	0	0	0
Cuivre	ppm	ASTM D5185(m)	>330	1	2	1
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.

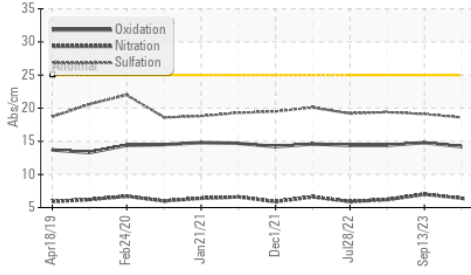
Silicium	ppm	ASTM D5185(m)	>25	2	3	2
Potassium	ppm	ASTM D5185(m)	>20	<1	0	0
Essence		WC Method	>5	<1.0	<1.0	<1.0
L'eau		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.2	0.3	0
Nitration	Abs/cm	ASTM D7624*	>20	6.4	7.0	6.2
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.6	19.1	19.4
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

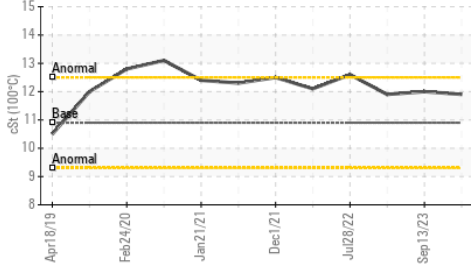
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		2	3	2
Bore	ppm	ASTM D5185(m)	250	1	<1	1
Baryum	ppm	ASTM D5185(m)	10	0	0	0
Molybdène	ppm	ASTM D5185(m)	100	57	59	56
Manganèse	ppm	ASTM D5185(m)		0	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	953	967	913
Calcium	ppm	ASTM D5185(m)	3000	1130	1122	1171
Phosphore	ppm	ASTM D5185(m)	1150	998	1061	1065
Zinc	ppm	ASTM D5185(m)	1350	1164	1182	1171
Soufre	ppm	ASTM D5185(m)	4250	2548	2608	2669
Oxydation	Abs/.1mm	ASTM D7414*	>25	14.2	14.8	14.4
Visc 40°C	cSt	ASTM D7279(m)	73	76.5	79.8	78.4
Visc 100°C	cSt	ASTM D7279(m)	10.9	11.9	12.0	11.9
Indice de viscosité (VI)	Scale	ASTM D2270*	138	150	145	146

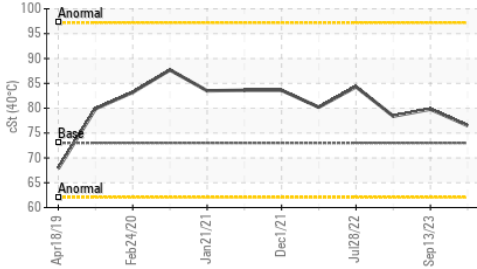
FT-IR (Direct Trend)



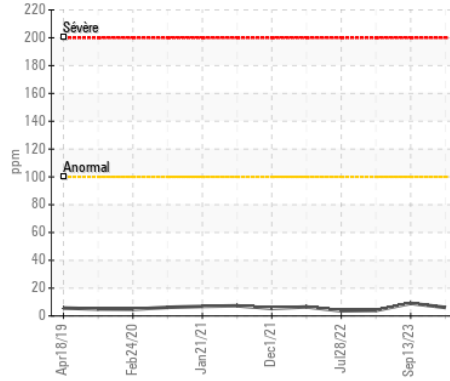
Viscosité 100°C



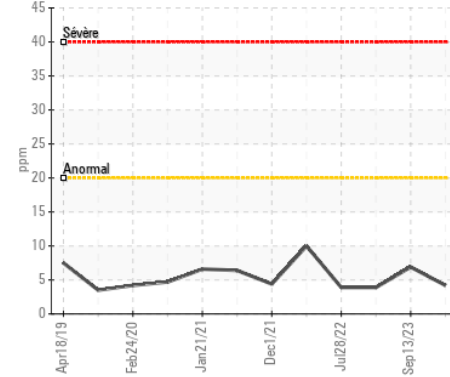
Viscosité 40°C



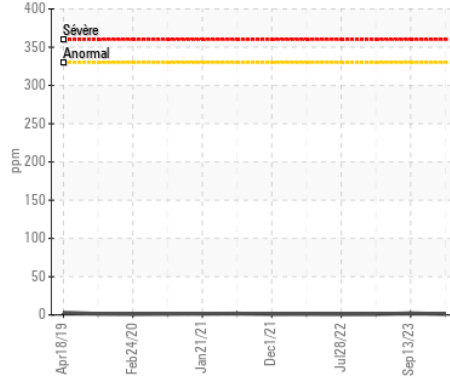
Fer (ppm)



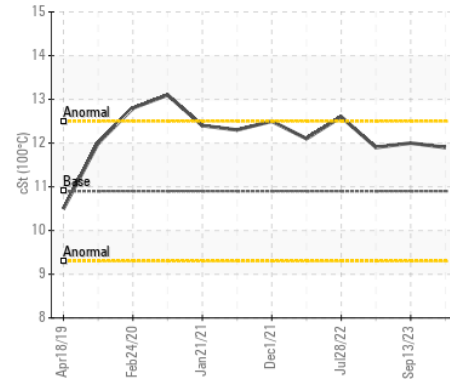
Aluminium (ppm)



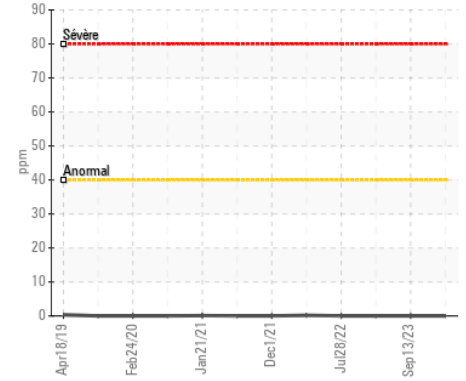
Cuivre (ppm)



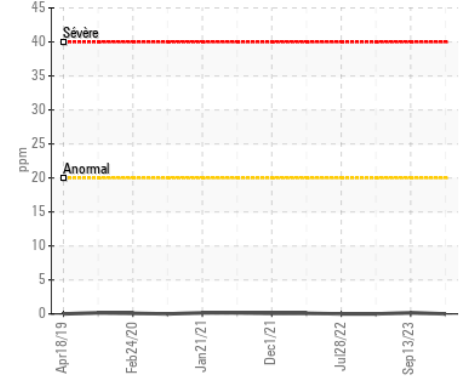
Viscosité 100°C



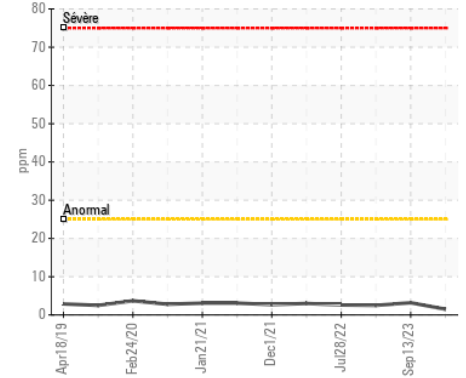
Plomb (ppm)



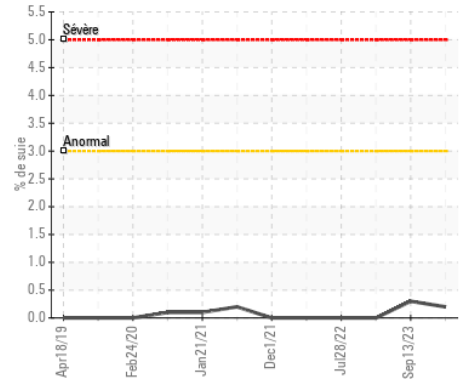
Chrome (ppm)



Silicium (ppm)



% de suie



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

N° d'échantillon : PC0088537

N° de laboratoire : 02626569

Numéro unique : 5759701

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

Reçu : 04 Apr 2024

Tested : 05 Apr 2024

Diagnostiqué : 05 Apr 2024 - Wes Davis

LES ENTREPRISES MICHAUDVILLE INC.

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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.