



Identité de la machine

5044

Composant

Moteur diesel

Fluide

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

RECOMMENDATION

No corrective action is recommended at this time. 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		PC0078453	PC0072045	PC0066447
Date d'échant.		Client Info		30 Aug 2023	14 Feb 2023	17 Aug 2022
Âge d la Machine	hrs	Client Info		8063	7422	6886
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

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	8	13	11
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	0	0	0
Titane	ppm	ASTM D5185(m)		0	<1	<1
Argent	ppm	ASTM D5185(m)	>3	<1	0	0
Aluminium	ppm	ASTM D5185(m)	>20	1	1	2
Plomb	ppm	ASTM D5185(m)	>40	4	0	0
Cuivre	ppm	ASTM D5185(m)	>330	166	1	1
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

Light fuel dilution occurring. No other contaminants were detected in the oil.

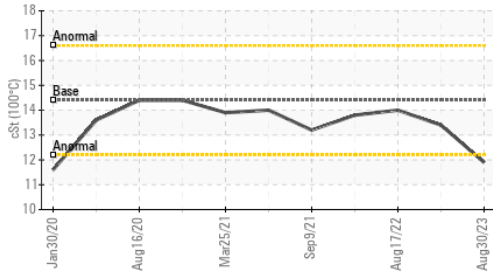
Silicium	ppm	ASTM D5185(m)	>25	4	4	5
Potassium	ppm	ASTM D5185(m)	>20	0	<1	<1
Essence	%	ASTM D7593*	>5	1.9	<1.0	<1.0
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0	0.1	0.1
Nitration	Abs/cm	ASTM D7624*	>20	1.8	6.0	5.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	9.8	20.9	19.0
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG

ÉTAT DU FLUIDE

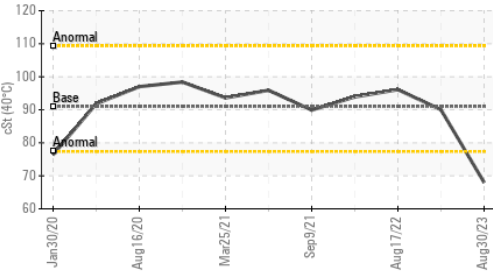
Viscosity of sample indicates oil is within SAE 0W30 range, advise investigate. The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)	>44	1	2	2
Bore	ppm	ASTM D5185(m)	250	2	2	3
Baryum	ppm	ASTM D5185(m)	10	0	0	0
Molybdène	ppm	ASTM D5185(m)	100	20	55	56
Manganèse	ppm	ASTM D5185(m)		<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	317	897	933
Calcium	ppm	ASTM D5185(m)	3000	2348	1276	1066
Phosphore	ppm	ASTM D5185(m)	1150	1049	1109	954
Zinc	ppm	ASTM D5185(m)	1350	1167	1200	1155
Soufre	ppm	ASTM D5185(m)	4250	3389	2801	2619
Oxydation	Abs/.1mm	ASTM D7414*	>25	4.2	14.4	13.7
Visc 40°C	cSt	ASTM D7279(m)	91	▲ 68	90.0	96.1
Visc 100°C	cSt	ASTM D7279(m)	14.4	▲ 11.9	13.4	14.0
Indice de viscosité (VI)	Scale	ASTM D2270*	164	172	149	148

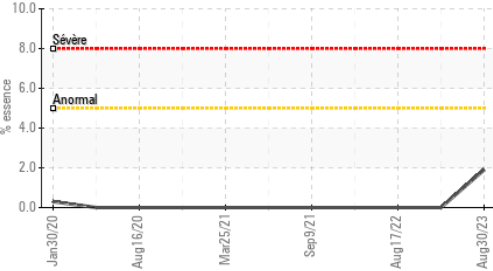
▲ Viscosité 100°C



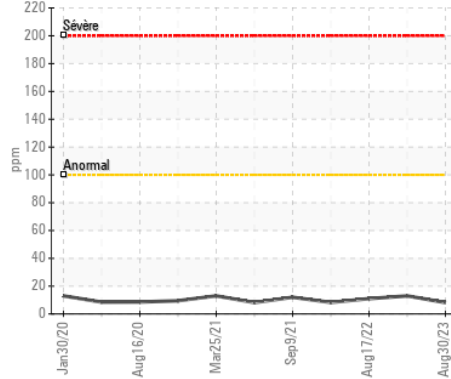
▲ Viscosité 40°C



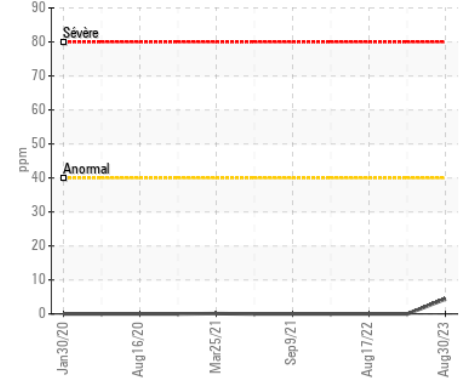
Dilution par le carburant



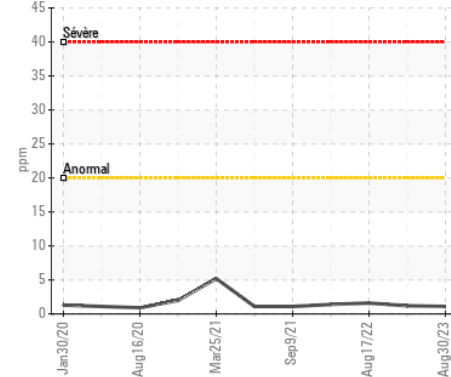
Fer (ppm)



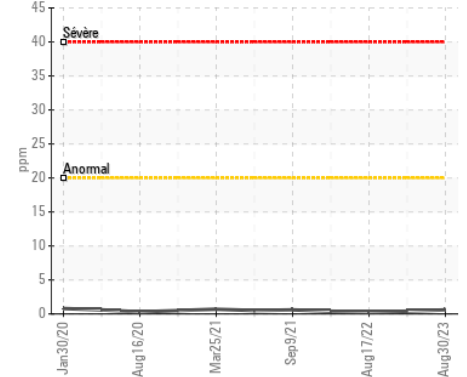
Plomb (ppm)



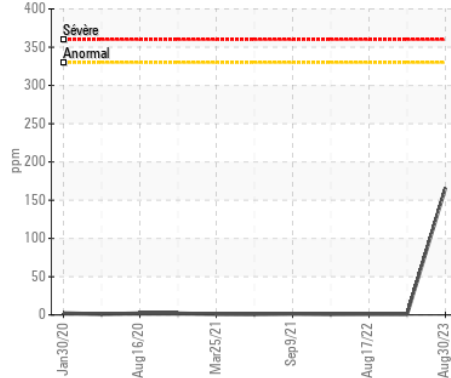
Aluminium (ppm)



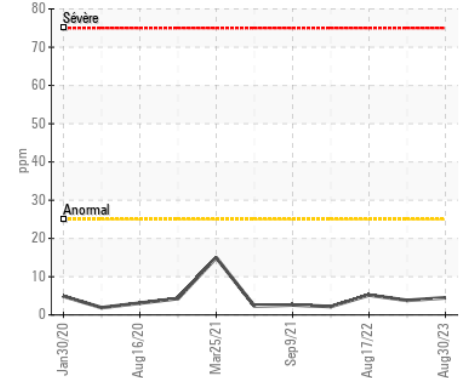
Chrome (ppm)



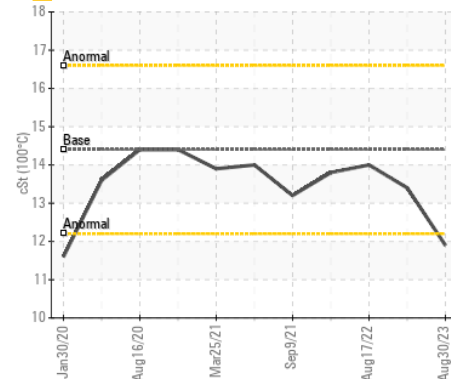
Cuivre (ppm)



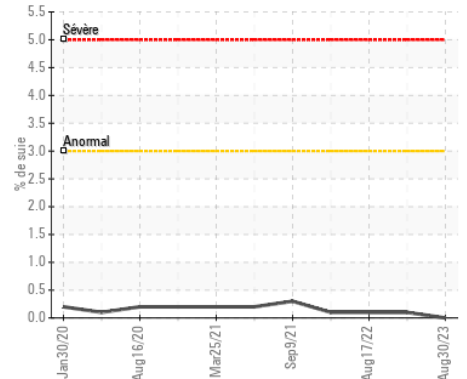
Silicium (ppm)



▲ Viscosité 100°C



% de suie



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Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.
N° d'échantillon : PC0078453 **Reçu** : 31 Aug 2023
N° de laboratoire : 02579602 **Diagnostiqué** : 01 Sep 2023
Numéro unique : 5632662 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1 (Additional Tests: FuelDilution, KV40, PercentFuel, VI)

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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