



USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

55305

Composant

Moteur diesel

Fluide

DIESEL ENGINE OIL SAE 15W40 (--- 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		PC0077640	PC0072246	PC0065894
Date d'échant.		Client Info		08 Aug 2023	14 Jun 2023	24 Oct 2022
Âge d la Machine	hrs	Client Info		3752	3086	2827
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	13	12	18
Chrome	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	0	0	<1
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	3	4	6
Plomb	ppm	ASTM D5185(m)	>40	0	<1	0
Cuivre	ppm	ASTM D5185(m)	>330	<1	<1	1
Étain	ppm	ASTM D5185(m)	>15	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	VLITE	NONE	NONE
Bronze	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

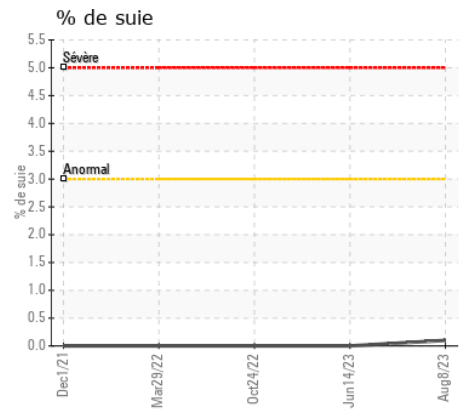
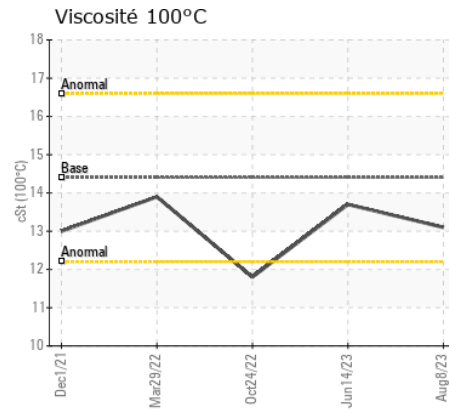
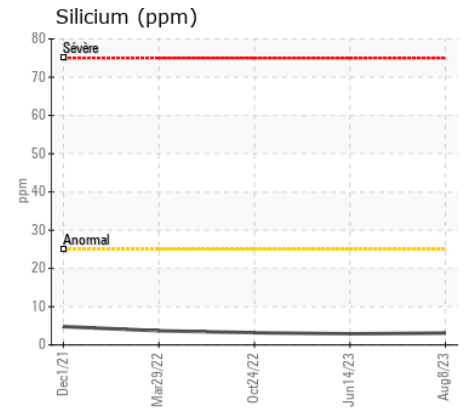
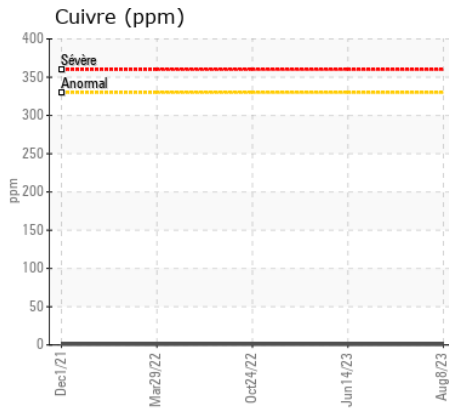
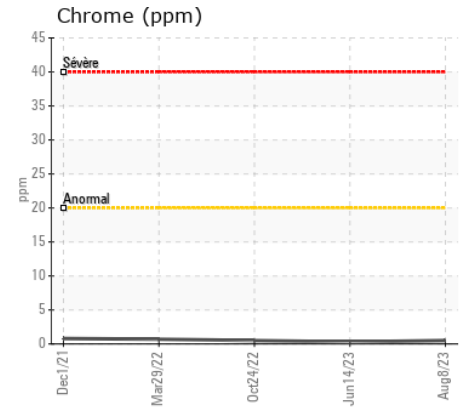
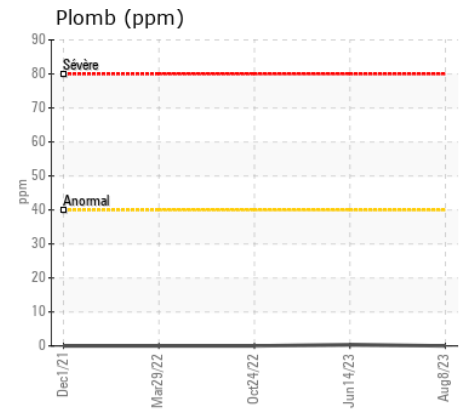
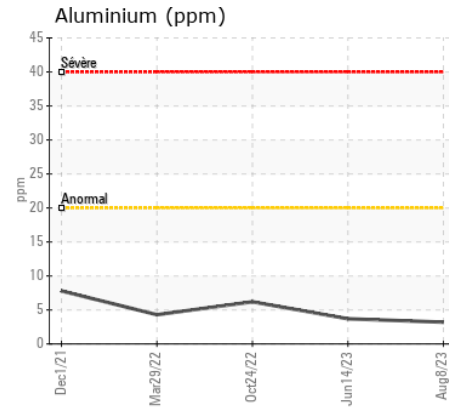
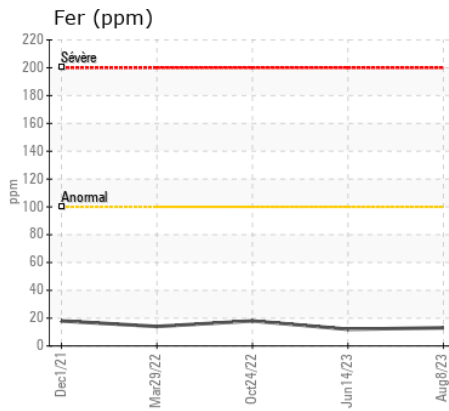
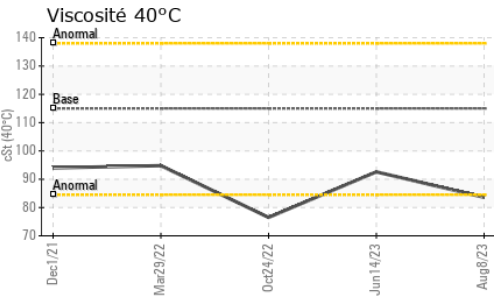
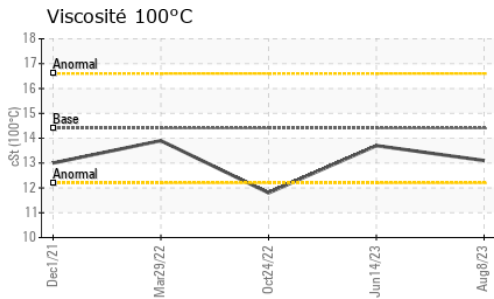
The water content is negligible. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	3	3	3
Potassium	ppm	ASTM D5185(m)	>20	<1	0	<1
Essence		WC Method	>5	<1.0	<1.0	1
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*	>3	0.1	0	0
Nitration	Abs/cm	ASTM D7624*	>20	7.0	6.9	7.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	25.0	18.7	21.3
Limon	scalar	Visual*	NONE	NONE	NONE	NONE
Débris	scalar	Visual*	NONE	NONE	NONE	NONE
Saleté	scalar	Visual*	NONE	NONE	NONE	NONE
Apparence	scalar	Visual*	NORML	NORML	NORML	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
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)	>158	2	1	1
Bore	ppm	ASTM D5185(m)	250	3	<1	2
Baryum	ppm	ASTM D5185(m)	10	0	0	0
Molybdène	ppm	ASTM D5185(m)	100	47	56	44
Manganèse	ppm	ASTM D5185(m)		<1	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	772	916	722
Calcium	ppm	ASTM D5185(m)	3000	1431	1176	1240
Phosphore	ppm	ASTM D5185(m)	1150	1040	1062	980
Zinc	ppm	ASTM D5185(m)	1350	1171	1159	1074
Soufre	ppm	ASTM D5185(m)	4250	2669	2657	2379
Oxydation	Abs/.1mm	ASTM D7414*	>25	19.3	14.4	15.7
Visc 40°C	cSt	ASTM D7279(m)	115	83.6	92.6	▲ 76.5
Visc 100°C	cSt	ASTM D7279(m)	14.4	13.1	13.7	▲ 11.8
Indice de viscosité (VI)	Scale	ASTM D2270*	126	157	150	148



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.
N° d'échantillon : PC0077640 **Reçu** : 09 Aug 2023
N° de laboratoire : 02574736 **Diagnostiqué** : 09 Aug 2023
Numéro unique : 5619787 **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.