



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

MICHAUDVILLE

Identité de la machine

1253

Composant

Moteur diesel

Fluid

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		PC0088496	PC0077582	PC0070998
Date d'échant.		Client Info		30 May 2024	19 Dec 2023	14 Mar 2023
Âge d la Machine	kms	Client Info		126024	0	3819
Âge de l'huile	kms	Client Info		0	0	0
Âge du filtre	kms	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	NORMAL

USURE

All component wear rates are normal.

Fer	ppm	ASTM D5185(m)	>100	10	11	12
Chrome	ppm	ASTM D5185(m)	>20	1	1	1
Nickel	ppm	ASTM D5185(m)	>4	0	<1	<1
Titane	ppm	ASTM D5185(m)		0	0	<1
Argent	ppm	ASTM D5185(m)	>3	0	0	0
Aluminium	ppm	ASTM D5185(m)	>20	11	14	13
Plomb	ppm	ASTM D5185(m)	>40	0	0	0
Cuivre	ppm	ASTM D5185(m)	>330	6	6	15
Étain	ppm	ASTM D5185(m)	>15	0	<1	1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

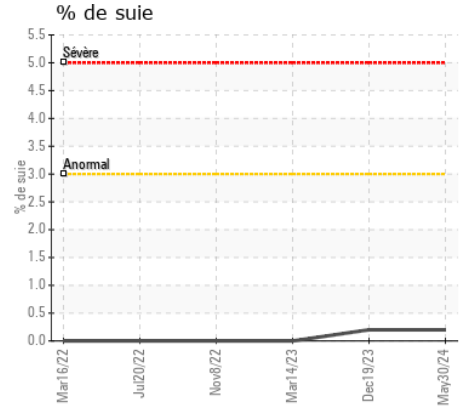
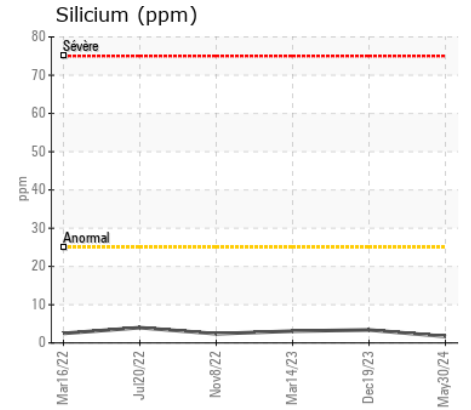
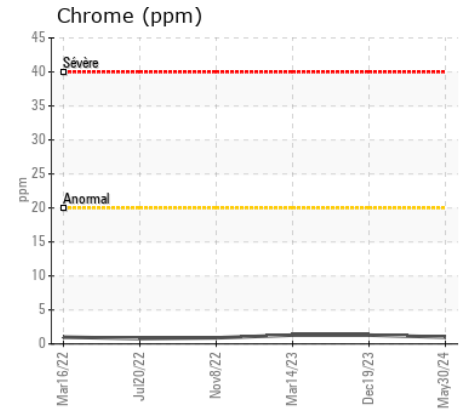
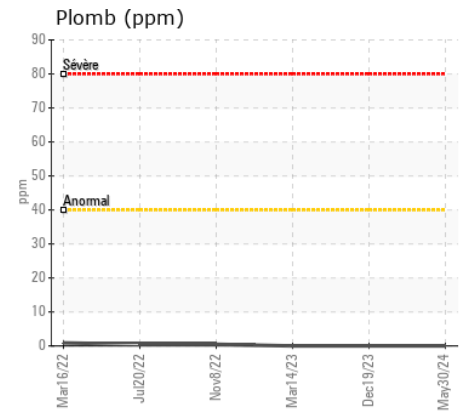
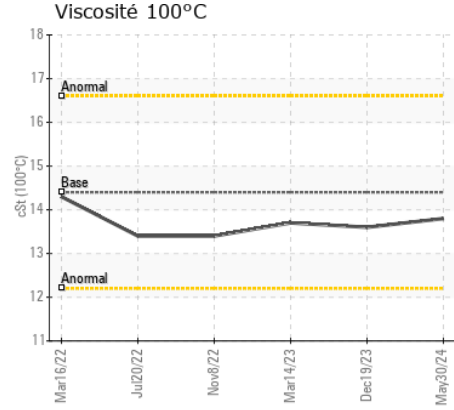
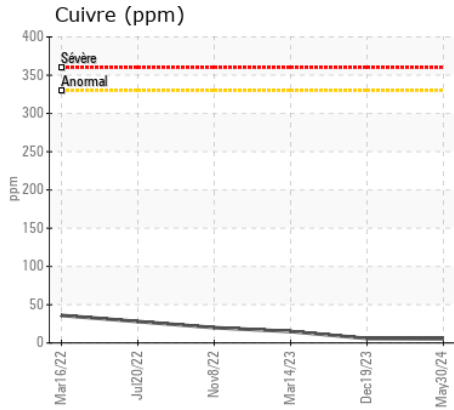
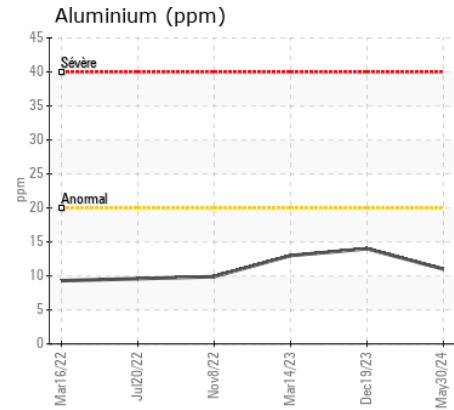
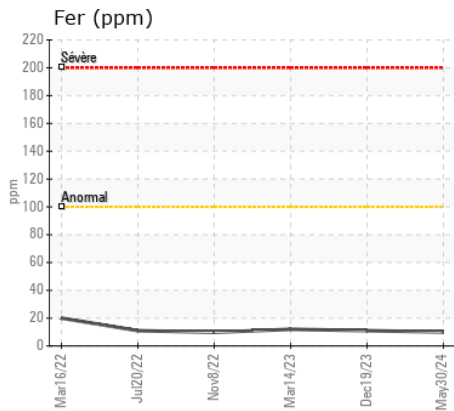
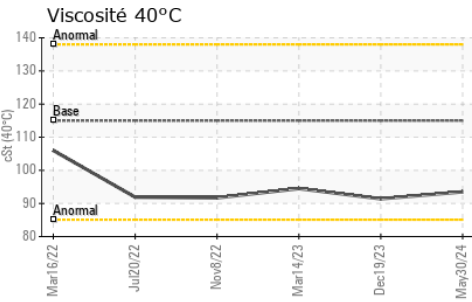
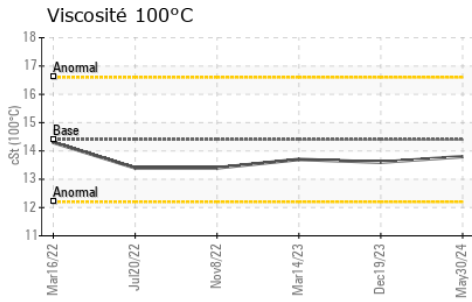
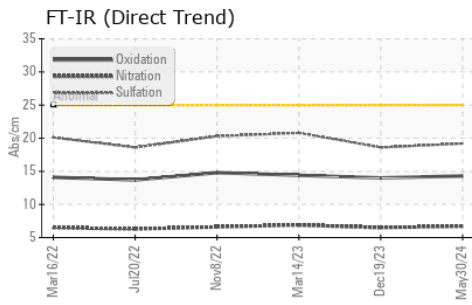
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	2	3	3
Potassium	ppm	ASTM D5185(m)	>20	16	23	19
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	0.2	0
Nitration	Abs/cm	ASTM D7624*	>20	6.7	6.5	6.9
Sulfatation	Abs/.1mm	ASTM D7415*	>30	19.2	18.6	20.8
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	1	1	2
Bore	ppm	ASTM D5185(m)	250	1	1	2
Baryum	ppm	ASTM D5185(m)	10	0	0	0
Molybdène	ppm	ASTM D5185(m)	100	57	58	57
Manganèse	ppm	ASTM D5185(m)		<1	0	<1
Magnésium	ppm	ASTM D5185(m)	450	968	947	931
Calcium	ppm	ASTM D5185(m)	3000	1162	1113	1158
Phosphore	ppm	ASTM D5185(m)	1150	985	1004	1077
Zinc	ppm	ASTM D5185(m)	1350	1212	1175	1179
Soufre	ppm	ASTM D5185(m)	4250	2558	2674	2617
Oxydation	Abs/.1mm	ASTM D7414*	>25	14.3	14.0	14.4
Visc 40°C	cSt	ASTM D7279(m)	115	93.5	91.4	94.5
Visc 100°C	cSt	ASTM D7279(m)	14.4	13.8	13.6	13.7
Indice de viscosité (VI)	Scale	ASTM D2270*	126	150	150	146



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0088496
N° de laboratoire : 02639099
Numéro unique : 5788261
Analyse : MOB 1 (Additional Tests: KV40, VI)

LES ENTREPRISES MICHAUVILLE INC.
 270 RUE BRUNET
 MONT ST-HILAIRE, QC
 CA J3H 0M6
 Contact: Martin Trudel
 mtrudel@michaudville.com

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.