MOB I LUBE 360™ OIL DIAGNOSTICS

RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine
1518
Composant
Moteur diesel
Fluide
DIESEL ENGINE OIL SAE 5W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 5W40. Please confirm.
Please specify the component make and model with your next sample.

USURE

Metal levels are typical for a new component breaking in.

CONTAMINATION

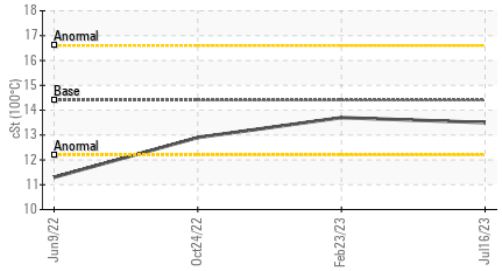
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

ÉTAT DU FLUIDE

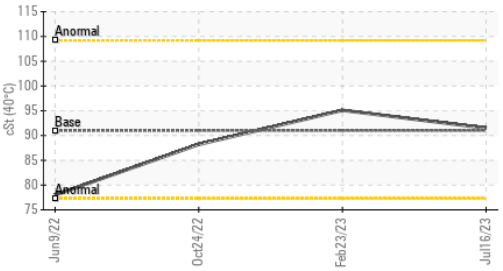
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		**PC0072014**	PC0071529	PC0064603
Date d'échant.		Client Info		**16 Jul 2023**	23 Feb 2023	24 Oct 2022
Âge d la Machine	hrs	Client Info		**364**	1595	1058
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	NORMAL
Fer	ppm	ASTM D5185(m)	>100	**22**	18	25
Chrome	ppm	ASTM D5185(m)	>20	**<1**	0	0
Nickel	ppm	ASTM D5185(m)	>4	**0**	<1	0
Titane	ppm	ASTM D5185(m)		**0**	<1	<1
Argent	ppm	ASTM D5185(m)	>3	**<1**	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	**7**	9	17
Plomb	ppm	ASTM D5185(m)	>40	**0**	<1	0
Cuivre	ppm	ASTM D5185(m)	>330	**3**	3	7
Étain	ppm	ASTM D5185(m)	>15	**<1**	<1	<1
Vanadium	ppm	ASTM D5185(m)		**0**	0	0
Silicium	ppm	ASTM D5185(m)	>25	**10**	9	11
Potassium	ppm	ASTM D5185(m)	>20	**17**	20	49
Essence		WC Method	>5	**<1.0**	<1.0	<1.0
Glycol		WC Method		**NEG**	NEG	NEG
% de suie	%	ASTM D7844*	>3	**0.2**	0	0
Nitration	Abs/cm	ASTM D7624*	>20	**10.1**	8.8	9.5
Sulfatation	Abs/.1mm	ASTM D7415*	>30	**20.9**	21.3	21.7
Eau émulsifiée	scalar	Visual*	>0.2	**NEG**	NEG	NEG
Sodium	ppm	ASTM D5185(m)	>44	**2**	2	2
Bore	ppm	ASTM D5185(m)	250	**2**	2	6
Baryum	ppm	ASTM D5185(m)	10	**0**	0	0
Molybdène	ppm	ASTM D5185(m)	100	**59**	59	48
Manganèse	ppm	ASTM D5185(m)		**<1**	<1	<1
Magnésium	ppm	ASTM D5185(m)	450	**985**	986	890
Calcium	ppm	ASTM D5185(m)	3000	**1137**	1163	1316
Phosphore	ppm	ASTM D5185(m)	1150	**1086**	1118	1056
Zinc	ppm	ASTM D5185(m)	1350	**1228**	1211	1152
Soufre	ppm	ASTM D5185(m)	4250	**2522**	2711	2618
Oxydation	Abs/.1mm	ASTM D7414*	>25	**17.3**	16.2	17.7
Visc 40°C	cSt	ASTM D7279(m)	91	**91.5**	95.1	88.2
Visc 100°C	cSt	ASTM D7279(m)	14.4	**13.5**	13.7	12.9
Indice de viscosité (VI)	Scale	ASTM D2270*	164	**148**	145	144

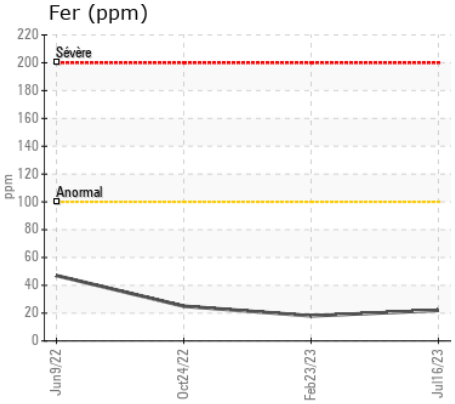
Viscosité 100°C



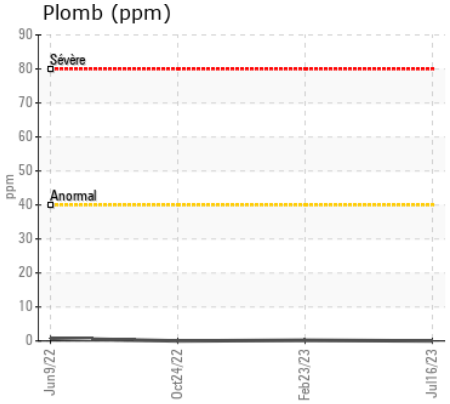
Viscosité 40°C



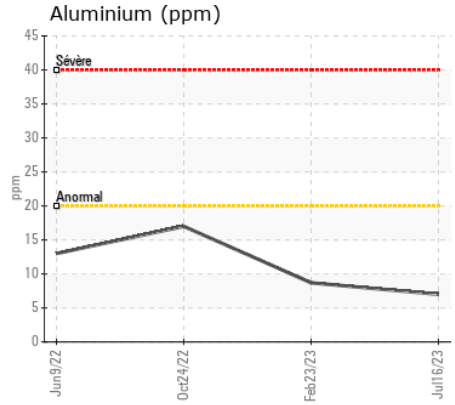
Fer (ppm)



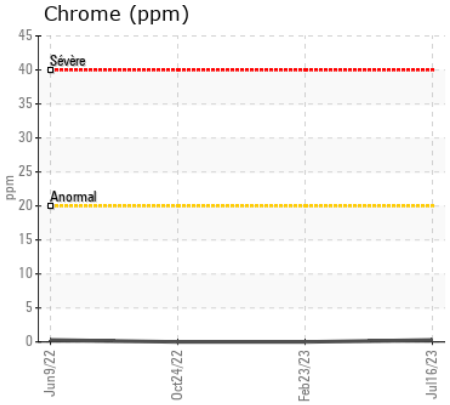
Plomb (ppm)



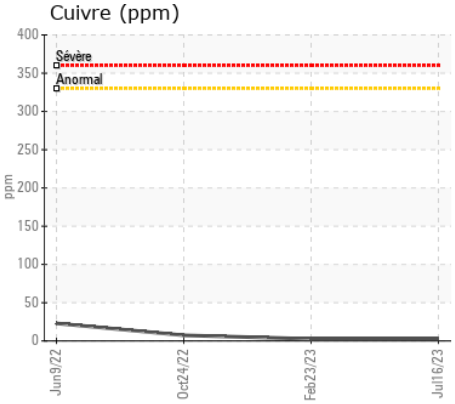
Aluminium (ppm)



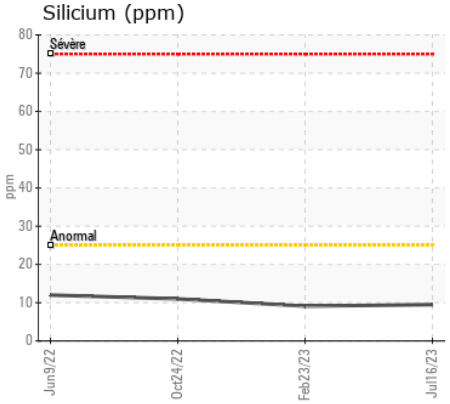
Chrome (ppm)



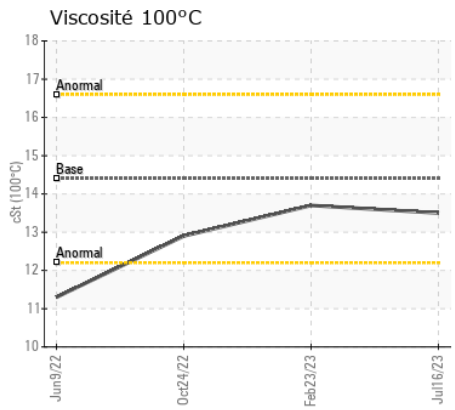
Cuivre (ppm)



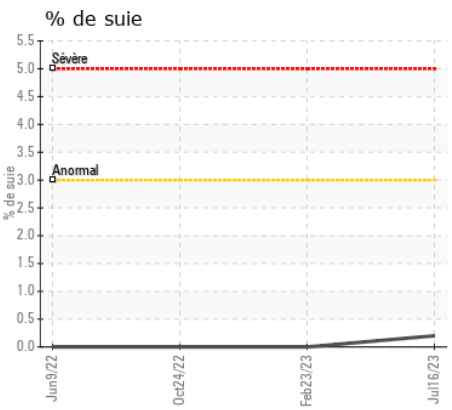
Silicium (ppm)



Viscosité 100°C



% de suie



ISO 17025:2017 Accredited Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUDVILLE INC.**
Nº d'échantillon : PC0072014 **Reçu** : 17 Jul 2023 270 RUE BRUNET
Nº de laboratoire : 02570365 **Diagnostiqué** : 17 Jul 2023 MONT ST-HILAIRE, QC
Numéro unique : 5607411 **Diagnostiqueur** : Wes Davis CA J3H 0M6
Analyse : MOB 1 (Additional Tests: KV40, VI) Contact: Martin Trudel
Pour discuter cetter rapport, contacter le service à la clientèle au 1-800-268-2131. mtrudel@michaudville.com
Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T:
Validity of results and interpretation are based on the sample and information as supplied. F: