MOB I LUBE 360 OIL DIAGNOSTICS

RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine
1522
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.

USURE

All component wear rates are normal.

CONTAMINATION

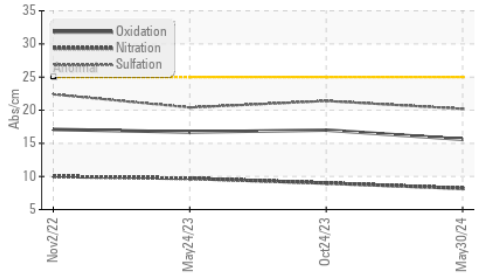
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

ÉTAT DU FLUIDE

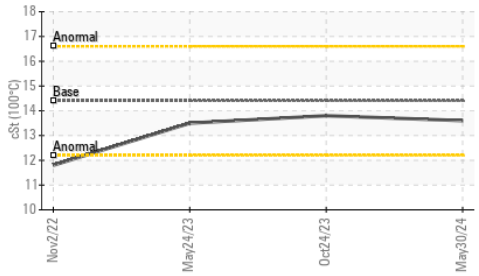
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		PC0084323	PC0082573	PC0072120
Date d'échant.		Client Info		30 May 2024	24 Oct 2023	24 May 2023
Âge d la Machine	hrs	Client Info		1968	1492	998
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	37	40	38
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	<1	<1
Aluminium	ppm	ASTM D5185(m)	>20	19	34	47
Plomb	ppm	ASTM D5185(m)	>40	<1	0	0
Cuivre	ppm	ASTM D5185(m)	>330	2	3	6
Étain	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Silicium	ppm	ASTM D5185(m)	>25	12	14	11
Potassium	ppm	ASTM D5185(m)	>20	42	91	110
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	0.1	0.1	0.2
Nitration	Abs/cm	ASTM D7624*	>20	8.2	9.0	9.7
Sulfatation	Abs/.1mm	ASTM D7415*	>30	20.2	21.4	20.4
Eau émulsifiée	scalar	Visual*	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)	>158	2	2	2
Bore	ppm	ASTM D5185(m)	250	1	2	5
Baryum	ppm	ASTM D5185(m)	10	0	<1	0
Molybdène	ppm	ASTM D5185(m)	100	56	56	52
Manganèse	ppm	ASTM D5185(m)		<1	<1	1
Magnésium	ppm	ASTM D5185(m)	450	953	925	953
Calcium	ppm	ASTM D5185(m)	3000	1218	1200	1179
Phosphore	ppm	ASTM D5185(m)	1150	1004	1022	1056
Zinc	ppm	ASTM D5185(m)	1350	1227	1221	1154
Soufre	ppm	ASTM D5185(m)	4250	2616	2602	2616
Oxydation	Abs/.1mm	ASTM D7414*	>25	15.6	17.0	16.7
Visc 40°C	cSt	ASTM D7279(m)	115	90.9	92.8	94.5
Visc 100°C	cSt	ASTM D7279(m)	14.4	13.6	13.8	13.5
Indice de viscosité (VI)	Scale	ASTM D2270*	126	151	151	143

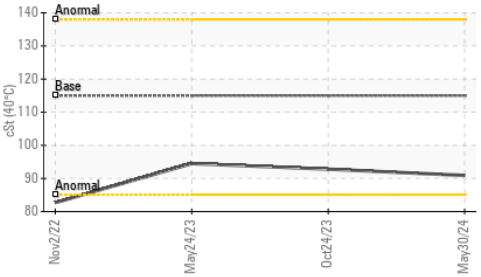
FT-IR (Direct Trend)



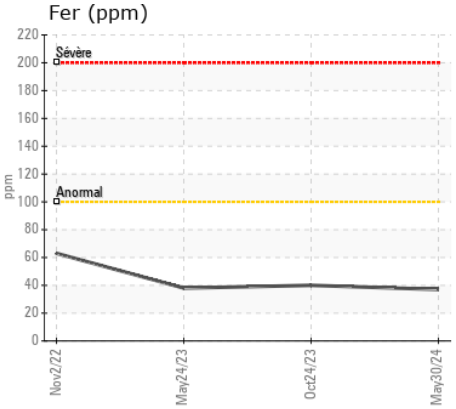
Viscosité 100°C



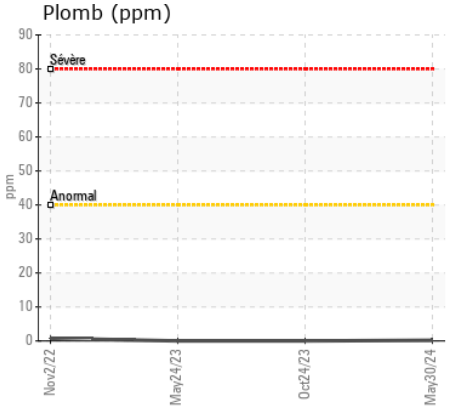
Viscosité 40°C



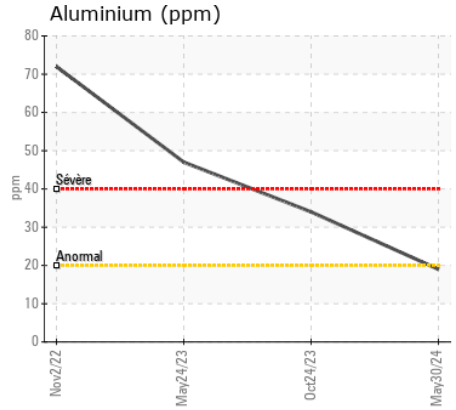
Fer (ppm)



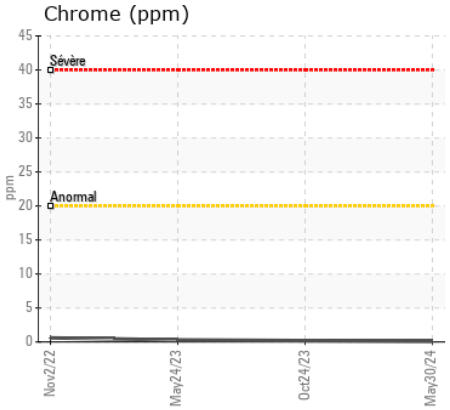
Plomb (ppm)



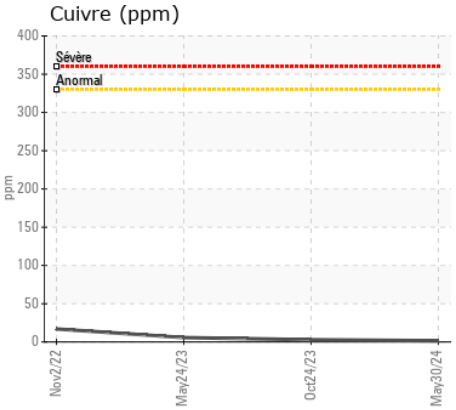
Aluminium (ppm)



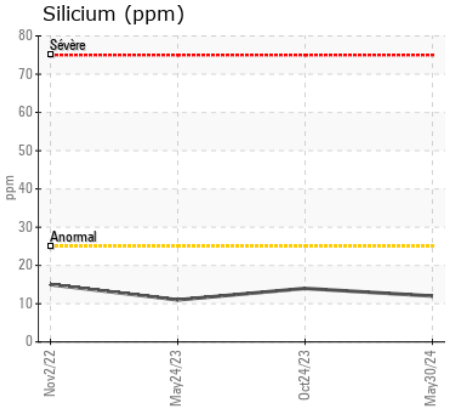
Chrome (ppm)



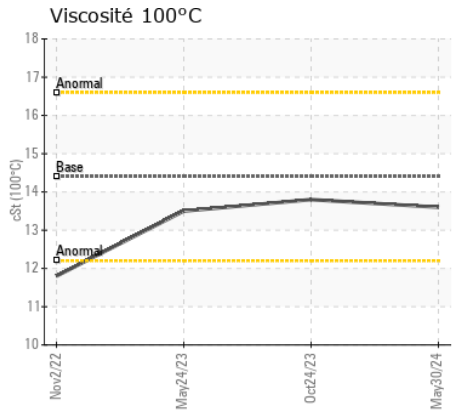
Cuivre (ppm)



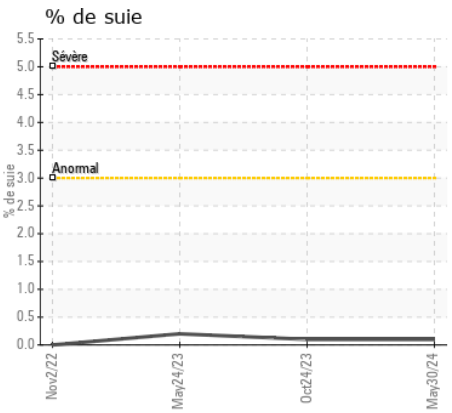
Silicium (ppm)



Viscosité 100°C



% de suie



ISO 17025:2017 Accredited Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Nº d'échantillon : PC0084323
Nº de laboratoire : 02639101
Numéro unique : 5788263
Analyse : MOB 1 (Additional Tests: KV40, VI)

Reçu : 31 May 2024
Tested : 31 May 2024
Diagnostiqué : 31 May 2024 - Wes Davis

Pour discuter cetter 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.

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