MOB I LUBE 360 OIL DIAGNOSTICS

RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine
1230
Composant
Moteur diesel
Fluid
DIESEL ENGINE OIL SAE 5W40 (--- 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

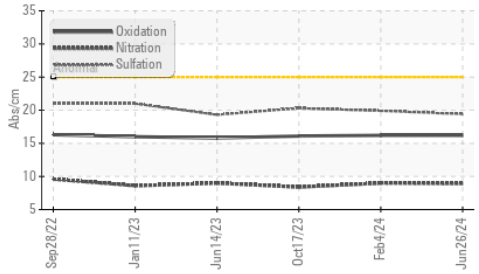
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

ÉTAT DU FLUIDE

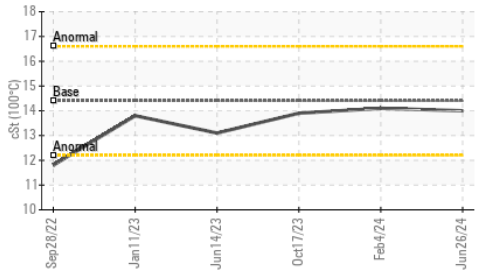
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		**PC0089366**	PC0083655	PC0071577
Date d'échant.		Client Info		**26 Jun 2024**	04 Feb 2024	17 Oct 2023
Âge d la Machine	hrs	Client Info		**3018**	2515	2024
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	**25**	19	17
Chrome	ppm	ASTM D5185(m)	>20	**<1**	0	0
Nickel	ppm	ASTM D5185(m)	>4	**<1**	0	0
Titane	ppm	ASTM D5185(m)		**0**	0	0
Argent	ppm	ASTM D5185(m)	>3	**<1**	0	<1
Aluminium	ppm	ASTM D5185(m)	>20	**9**	11	16
Plomb	ppm	ASTM D5185(m)	>40	**0**	<1	<1
Cuivre	ppm	ASTM D5185(m)	>330	**2**	2	3
Étain	ppm	ASTM D5185(m)	>15	**0**	<1	<1
Vanadium	ppm	ASTM D5185(m)		**0**	0	0
Silicium	ppm	ASTM D5185(m)	>25	**8**	18	10
Potassium	ppm	ASTM D5185(m)	>20	**19**	22	33
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	**0.3**	0.2	0.2
Nitration	Abs/cm	ASTM D7624*	>20	**8.9**	9.0	8.4
Sulfatation	Abs/.1mm	ASTM D7415*	>30	**19.4**	19.9	20.3
Eau émulsifiée	scalar	Visual*	>0.2	**NEG**	NEG	NEG
Sodium	ppm	ASTM D5185(m)	>44	**1**	1	2
Bore	ppm	ASTM D5185(m)	250	**1**	1	2
Baryum	ppm	ASTM D5185(m)	10	**0**	0	<1
Molybdène	ppm	ASTM D5185(m)	100	**59**	59	57
Manganèse	ppm	ASTM D5185(m)		**<1**	0	0
Magnésium	ppm	ASTM D5185(m)	450	**964**	972	943
Calcium	ppm	ASTM D5185(m)	3000	**1080**	1112	1174
Phosphore	ppm	ASTM D5185(m)	1150	**1015**	1026	1025
Zinc	ppm	ASTM D5185(m)	1350	**1219**	1208	1227
Soufre	ppm	ASTM D5185(m)	4250	**2541**	2710	2595
Oxydation	Abs/.1mm	ASTM D7414*	>25	**16.2**	16.2	16.1
Visc 40°C	cSt	ASTM D7279(m)	91	**96.2**	94.4	92.9
Visc 100°C	cSt	ASTM D7279(m)	14.4	**14.0**	14.1	13.9
Indice de viscosité (VI)	Scale	ASTM D2270*	164	**148**	153	152

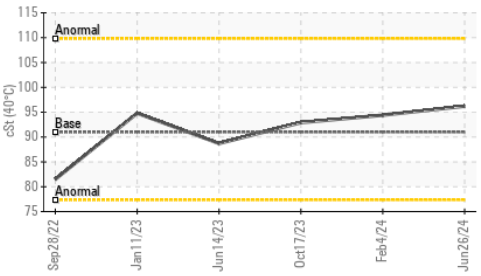
FT-IR (Direct Trend)



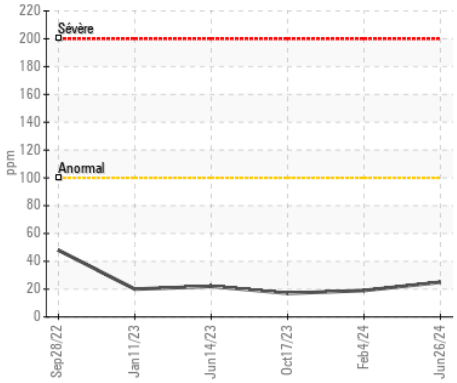
Viscosité 100°C



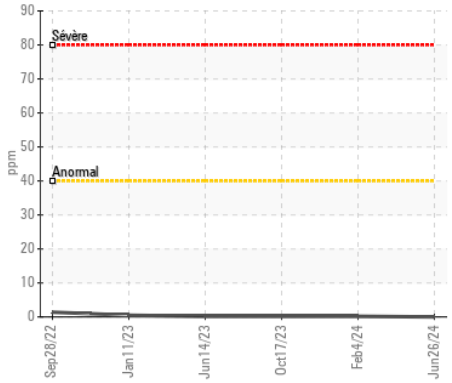
Viscosité 40°C



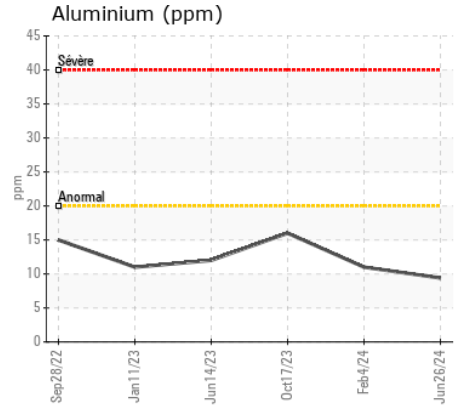
Fer (ppm)



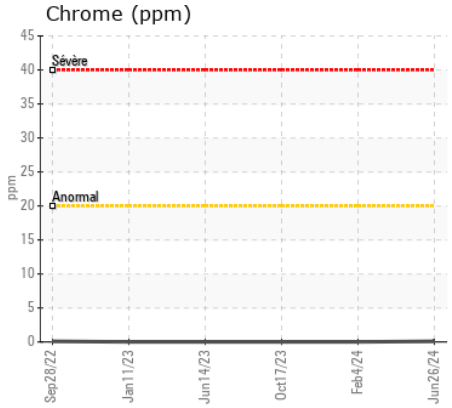
Plomb (ppm)



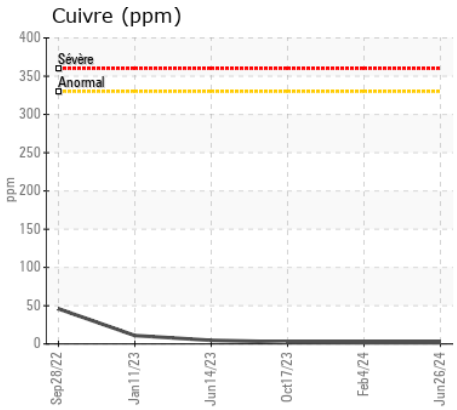
Aluminium (ppm)



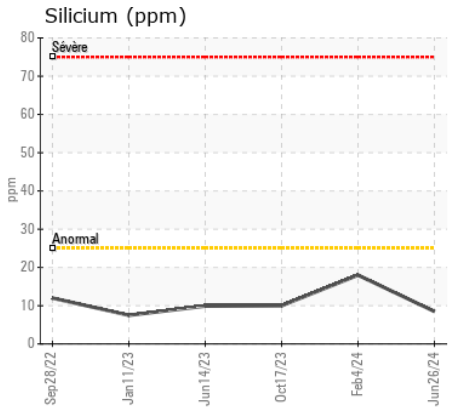
Chrome (ppm)



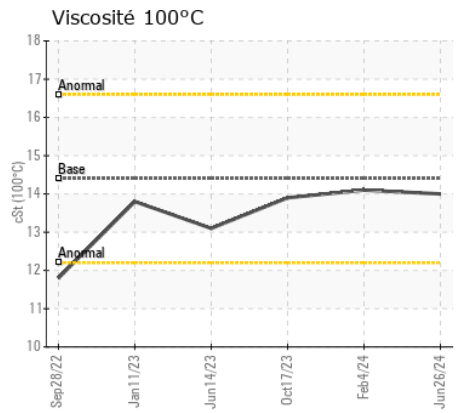
Cuivre (ppm)



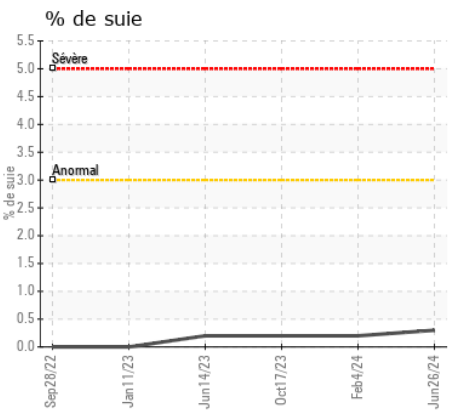
Silicium (ppm)



Viscosité 100°C



% de suie



ISO 17025:2017 Accredited Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Nº d'échantillon : PC0089366
Nº de laboratoire : 02644321
Numéro unique : 5801860
Analyse : MOB 1 (Additional Tests: KV40, VI)
Reçu : 27 Jun 2024
Tested : 27 Jun 2024
Diagnostiqué : 27 Jun 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.

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