MOB I LUBE 360™ OIL DIAGNOSTICS

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
811021
Component
Diesel Engine
Fluid
DIESEL ENGINE OIL SAE 10W30 (--- GAL)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

WEAR

Les taux d'usure de tous les composants sont normaux.

CONTAMINATION

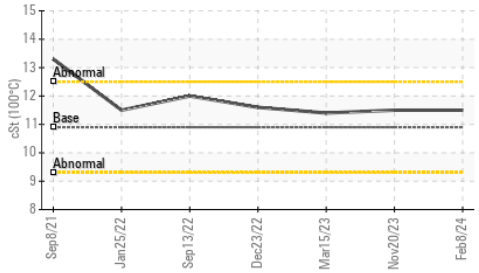
Il n`y a aucun indice de contamination dans l'huile.

FLUID CONDITION

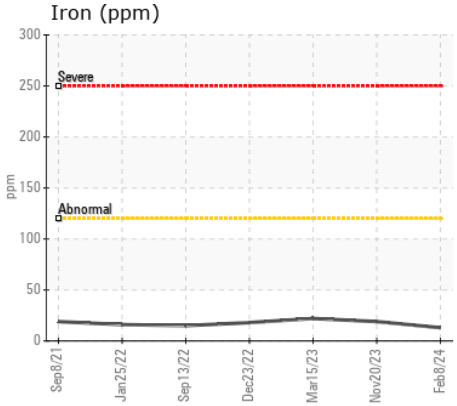
L'état de l'huile est acceptable pour la durée de service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**GFL0107387**	GFL0096635	GFL0077134
Sample Date		Client Info		**08 Feb 2024**	20 Nov 2023	15 Mar 2023
Machine Age	hrs	Client Info		**0**	122011	3886
Oil Age	hrs	Client Info		**600**	600	600
Filter Age	hrs	Client Info		**600**	600	600
Oil Changed		Client Info		**Changed**	Changed	Changed
Filter Changed		Client Info		**Changed**	Changed	Changed
Sample Status				**NORMAL**	NORMAL	ABNORMAL
Iron	ppm	ASTM D5185(m)	>120	**13**	19	22
Chromium	ppm	ASTM D5185(m)	>20	**<1**	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	**<1**	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	**0**	0	<1
Silver	ppm	ASTM D5185(m)	>2	**0**	0	0
Aluminum	ppm	ASTM D5185(m)	>20	**4**	4	6
Lead	ppm	ASTM D5185(m)	>40	**<1**	<1	<1
Copper	ppm	ASTM D5185(m)	>330	**2**	7	2
Tin	ppm	ASTM D5185(m)	>15	**<1**	<1	<1
Vanadium	ppm	ASTM D5185(m)		**0**	0	0
Silicon	ppm	ASTM D5185(m)	>25	**4**	3	4
Potassium	ppm	ASTM D5185(m)	>20	**1**	<1	<1
Fuel		WC Method	>3.0	**<1.0**	<1.0	0.5
Water		WC Method	>0.2	**NEG**	NEG	NEG
Glycol		WC Method		**NEG**	NEG	NEG
Soot %	%	ASTM D7844*	>4	**0.7**	1.3	1
Nitration	Abs/cm	ASTM D7624*	>20	**8.3**	9.1	9.4
Sulfation	Abs/.1mm	ASTM D7415*	>30	**20.7**	21.5	23.8
Emulsified Water	scalar	Visual*	>0.2	**NEG**	NEG	NEG
Sodium	ppm	ASTM D5185(m)		**3**	4	4
Boron	ppm	ASTM D5185(m)	250	**4**	5	7
Barium	ppm	ASTM D5185(m)	10	**0**	0	0
Molybdenum	ppm	ASTM D5185(m)	100	**58**	57	61
Manganese	ppm	ASTM D5185(m)		**0**	0	<1
Magnesium	ppm	ASTM D5185(m)	450	**929**	931	935
Calcium	ppm	ASTM D5185(m)	3000	**1044**	1065	1170
Phosphorus	ppm	ASTM D5185(m)	1150	**964**	916	1001
Zinc	ppm	ASTM D5185(m)	1350	**1152**	1128	1176
Sulfur	ppm	ASTM D5185(m)	4250	**2415**	2278	2291
Oxidation	Abs/.1mm	ASTM D7414*	>25	**15.9**	15.8	16.2
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	**11.5**	11.5	▲ 11.4

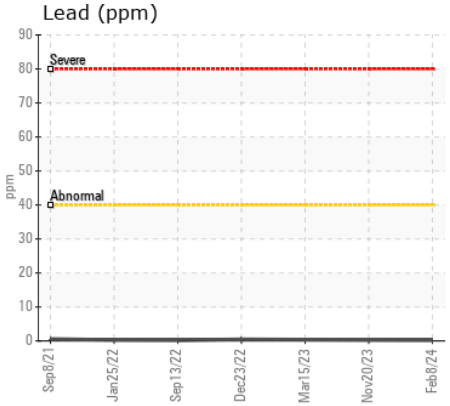
Viscosity @ 100°C



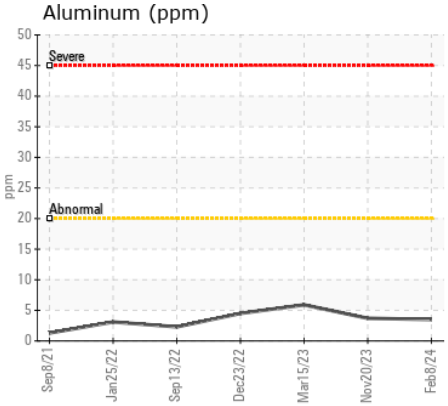
Iron (ppm)



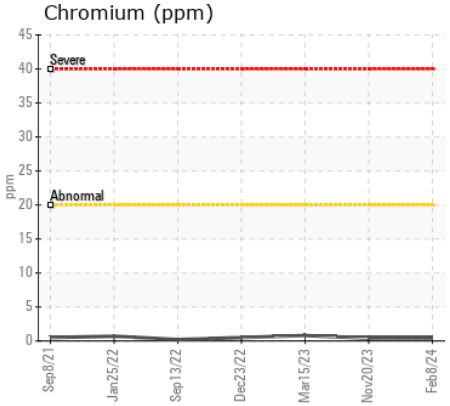
Lead (ppm)



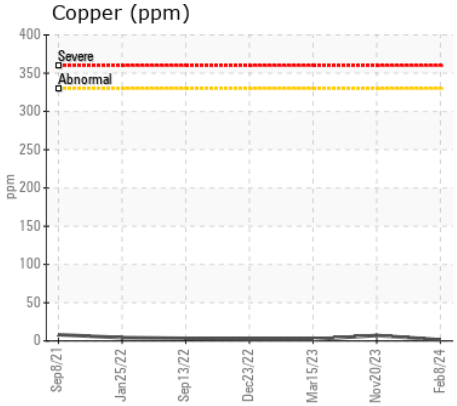
Aluminum (ppm)



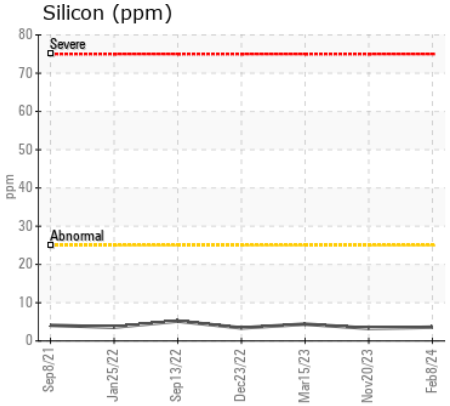
Chromium (ppm)



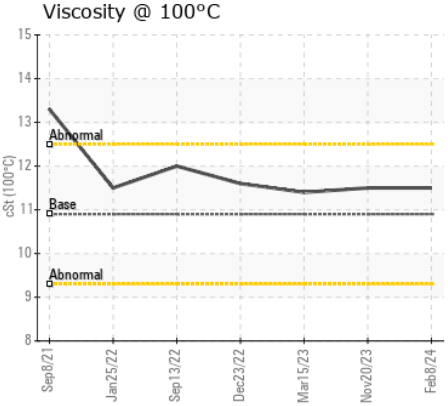
Copper (ppm)



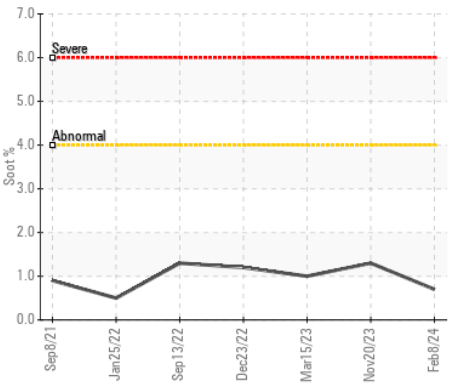
Silicon (ppm)



Viscosity @ 100°C



Soot %



ISO 17025:2017 Accredited Laboratory

Laboratory	: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9		
Sample No.	: GFL0107387	**Received**	: 21 Feb 2024
Lab Number	: 02616842	**Tested**	: 22 Feb 2024
Unique Number	: 5733952	**Diagnosed**	: 22 Feb 2024 - Wes Davis
Test Package	: MOB 1		

To discuss this sample report, contact Customer Service at 1-800-268-2131.
Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
Validity of results and interpretation are based on the sample and information as supplied.

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