MOB I LUBE 360™ OIL DIAGNOSTICS

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
501086
Component
2 Differential
Fluid
GEAR OIL SAE 75W90 (--- 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

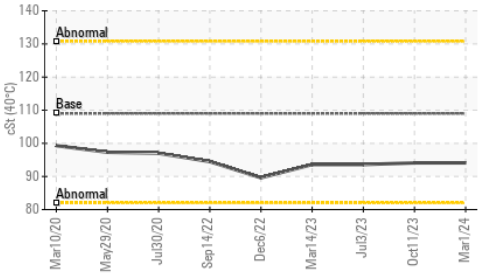
Il n`y a aucun indice de contamination dans l'huile.

FLUID CONDITION

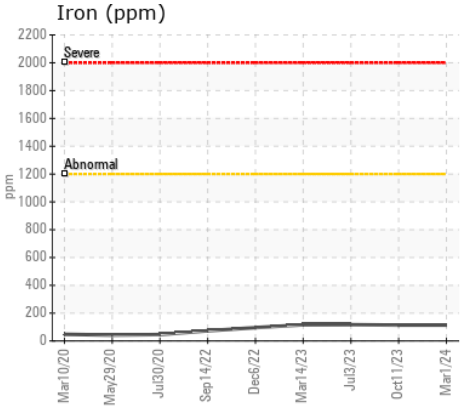
L'état de l'huile est acceptable pour la durée de service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**GFL0110457**	GFL0097403	GFL0078346
Sample Date		Client Info		**01 Mar 2024**	11 Oct 2023	03 Jul 2023
Machine Age	hrs	Client Info		**11238**	10585	10170
Oil Age	hrs	Client Info		**11238**	10585	10170
Filter Age	hrs	Client Info		**11238**	10585	10170
Oil Changed		Client Info		**N/A**	N/A	N/A
Filter Changed		Client Info		**N/A**	N/A	N/A
Sample Status				**NORMAL**	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>1200	**114**	114	117
Chromium	ppm	ASTM D5185(m)	>8	**<1**	<1	<1
Nickel	ppm	ASTM D5185(m)	>20	**<1**	<1	0
Titanium	ppm	ASTM D5185(m)	>4	**0**	0	<1
Silver	ppm	ASTM D5185(m)		**0**	<1	0
Aluminum	ppm	ASTM D5185(m)	>30	**3**	3	4
Lead	ppm	ASTM D5185(m)	>25	**0**	<1	0
Copper	ppm	ASTM D5185(m)	>50	**<1**	1	<1
Tin	ppm	ASTM D5185(m)	>5	**0**	0	0
Vanadium	ppm	ASTM D5185(m)		**0**	0	0
White Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>230	**18**	20	21
Potassium	ppm	ASTM D5185(m)	>20	**3**	7	2
Water		WC Method	>.2	**NEG**	NEG	NEG
Silt	scalar	Visual*	NONE	**NONE**	NONE	NONE
Debris	scalar	Visual*	NONE	**NONE**	VLITE	VLITE
Sand/Dirt	scalar	Visual*	NONE	**NONE**	NONE	NONE
Appearance	scalar	Visual*	NORML	**NORML**	NORML	NORML
Odor	scalar	Visual*	NORML	**NORML**	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	**NEG**	NEG	NEG
Sodium	ppm	ASTM D5185(m)		**3**	7	4
Boron	ppm	ASTM D5185(m)	400	**271**	278	281
Barium	ppm	ASTM D5185(m)	200	**0**	<1	<1
Molybdenum	ppm	ASTM D5185(m)	12	**<1**	<1	<1
Manganese	ppm	ASTM D5185(m)		**3**	4	4
Magnesium	ppm	ASTM D5185(m)	12	**2**	2	2
Calcium	ppm	ASTM D5185(m)	150	**9**	10	10
Phosphorus	ppm	ASTM D5185(m)	1650	**1197**	1197	1274
Zinc	ppm	ASTM D5185(m)	125	**10**	11	12
Sulfur	ppm	ASTM D5185(m)	22500	**19895**	20141	19887
Visc @ 40°C	cSt	ASTM D7279(m)	109	**94.1**	94.1	93.6

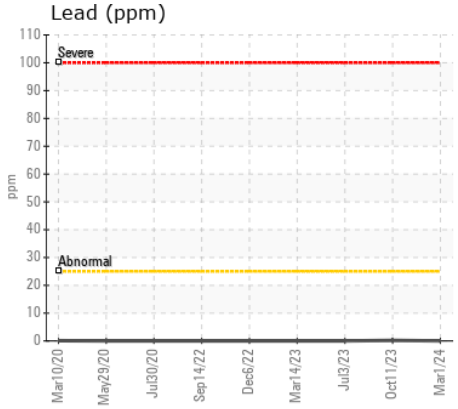
Viscosity @ 40°C



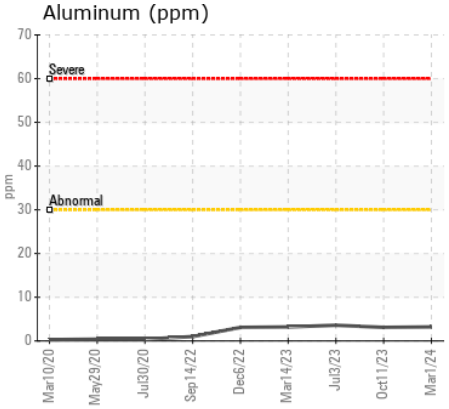
Iron (ppm)



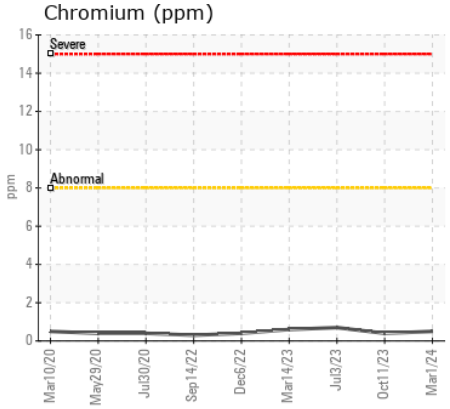
Lead (ppm)



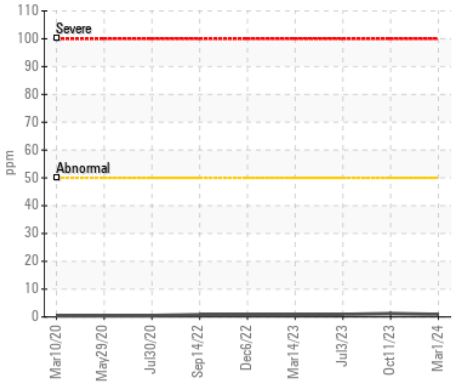
Aluminum (ppm)



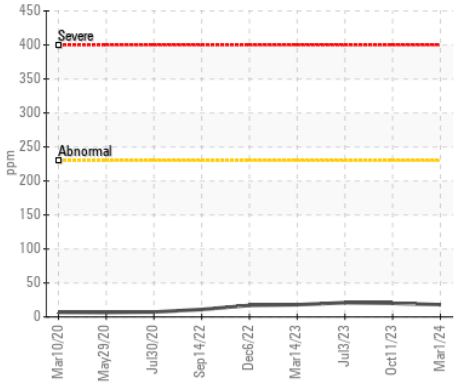
Chromium (ppm)



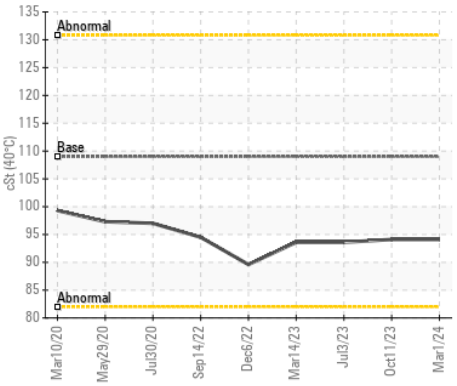
Copper (ppm)



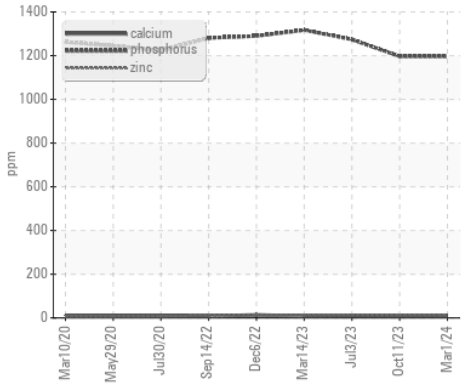
Silicon (ppm)



Viscosity @ 40°C



Additives



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0110457
Lab Number : 02620251
Unique Number : 5737361
Test Package : MOB 1

Received : 06 Mar 2024
Tested : 06 Mar 2024
Diagnosed : 06 Mar 2024 - Wes Davis

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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