MOB I LUBE 360™ OIL DIAGNOSTICS

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
WL0056
Component
Front Differential
Fluid
DIESEL ENGINE OIL SAE 30 (--- 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

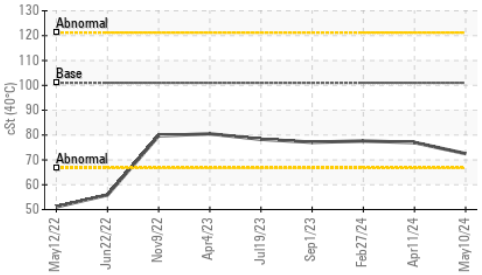
Il n`y a aucun indice de contamination dans l'huile.

FLUID CONDITION

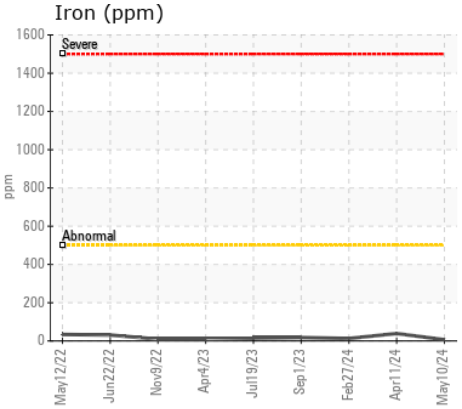
L'état de l'huile est acceptable pour la durée de service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**GFL0118360**	GFL0118324	GFL0067518
Sample Date		Client Info		**10 May 2024**	11 Apr 2024	27 Feb 2024
Machine Age	kms	Client Info		**19368**	19189	0
Oil Age	kms	Client Info		**0**	0	0
Filter Age	kms	Client Info		**0**	0	0
Oil Changed		Client Info		**N/A**	N/A	N/A
Filter Changed		Client Info		**N/A**	N/A	N/A
Sample Status				**NORMAL**	ABNORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>500	**6**	39	13
Chromium	ppm	ASTM D5185(m)	>10	**0**	0	0
Nickel	ppm	ASTM D5185(m)	>10	**0**	0	0
Titanium	ppm	ASTM D5185(m)		**0**	<1	0
Silver	ppm	ASTM D5185(m)		**0**	0	0
Aluminum	ppm	ASTM D5185(m)	>25	**<1**	3	<1
Lead	ppm	ASTM D5185(m)	>25	**0**	<1	<1
Copper	ppm	ASTM D5185(m)	>100	**4**	17	12
Tin	ppm	ASTM D5185(m)	>10	**0**	0	<1
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)	>75	**2**	9	4
Potassium	ppm	ASTM D5185(m)	>20	**<1**	3	<1
Water		WC Method	>.2	**NEG**	NEG	NEG
Silt	scalar	Visual*	NONE	**VLITE**	NONE	NONE
Debris	scalar	Visual*	NONE	**NONE**	VLITE	NONE
Sand/Dirt	scalar	Visual*	NONE	**NONE**	NONE	VLITE
Appearance	scalar	Visual*	NORML	**NORML**	NORML	NORML
Odor	scalar	Visual*	NORML	**NORML**	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	**NEG**	.5%	NEG
Sodium	ppm	ASTM D5185(m)	>75	**2**	6	3
Boron	ppm	ASTM D5185(m)	250	**13**	8	2
Barium	ppm	ASTM D5185(m)	10	**0**	0	0
Molybdenum	ppm	ASTM D5185(m)	100	**7**	9	6
Manganese	ppm	ASTM D5185(m)		**0**	<1	0
Magnesium	ppm	ASTM D5185(m)	450	**98**	125	105
Calcium	ppm	ASTM D5185(m)	3000	**2620**	2365	2185
Phosphorus	ppm	ASTM D5185(m)	1150	**923**	920	721
Zinc	ppm	ASTM D5185(m)	1350	**1080**	1051	929
Sulfur	ppm	ASTM D5185(m)	4250	**3671**	4002	2957
Visc @ 40°C	cSt	ASTM D7279(m)	101	**72.5**	77.0	77.6

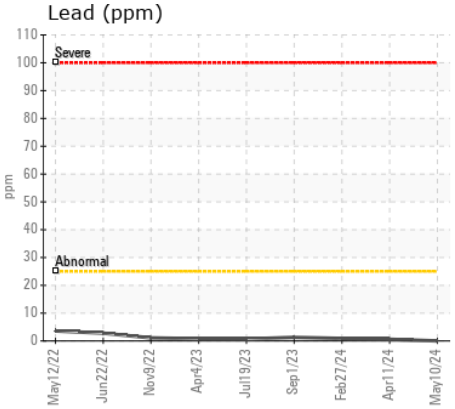
Viscosity @ 40°C



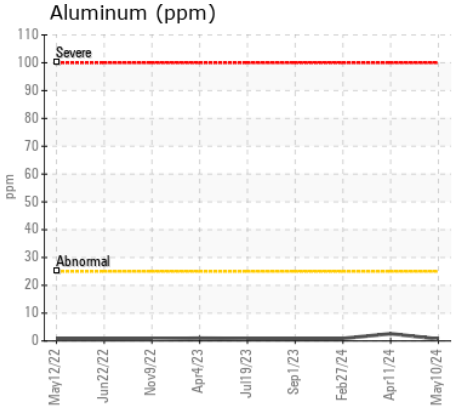
Iron (ppm)



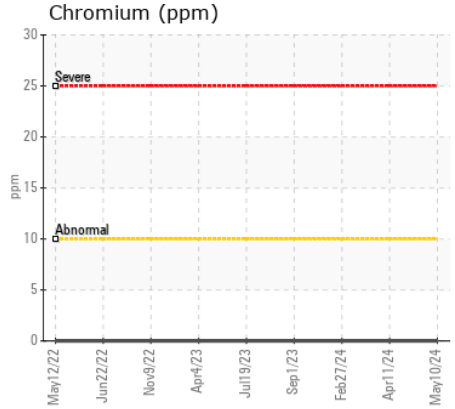
Lead (ppm)



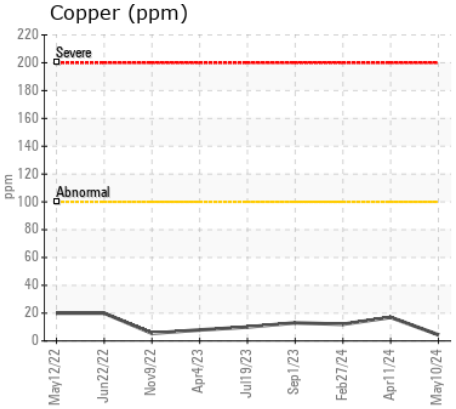
Aluminum (ppm)



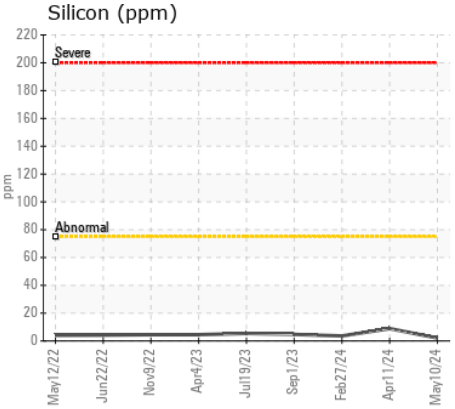
Chromium (ppm)



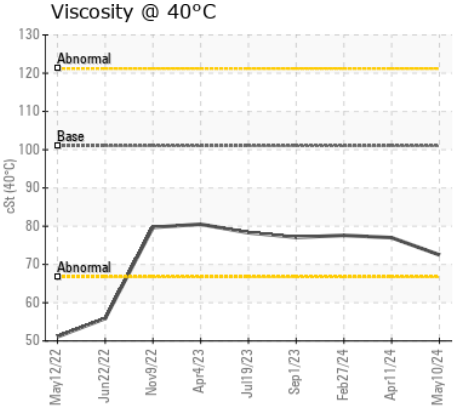
Copper (ppm)



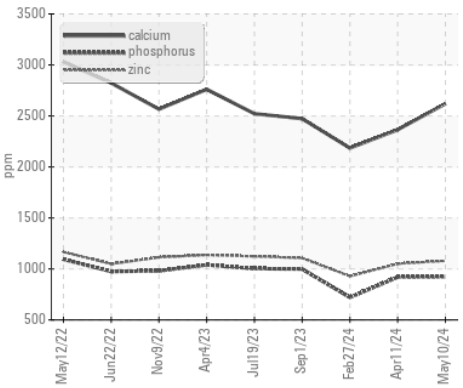
Silicon (ppm)



Viscosity @ 40°C



Additives



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0118360
Lab Number : 02635752
Unique Number : 5776905
Test Package : MOB 1

Received : 15 May 2024
Tested : 15 May 2024
Diagnosed : 15 May 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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