MOBIL LUBE 360 OIL DIAGNOSTICS

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
926051
Component
Diesel Engine
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.

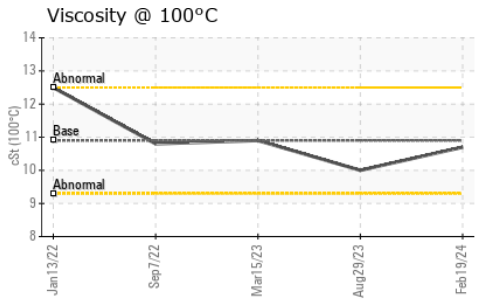
CONTAMINATION

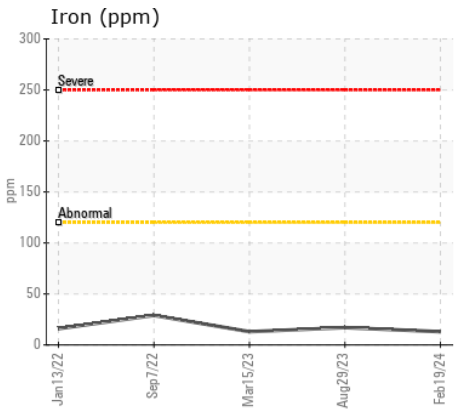
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n`y a aucun indice de contamination dans l`huile.

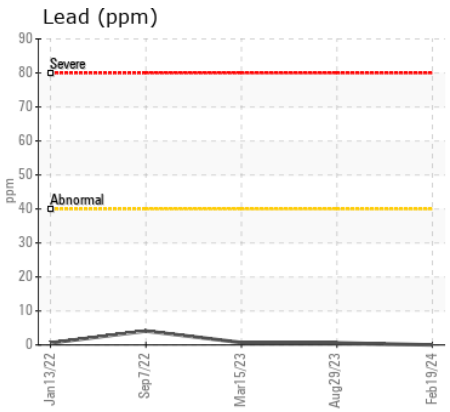
FLUID CONDITION

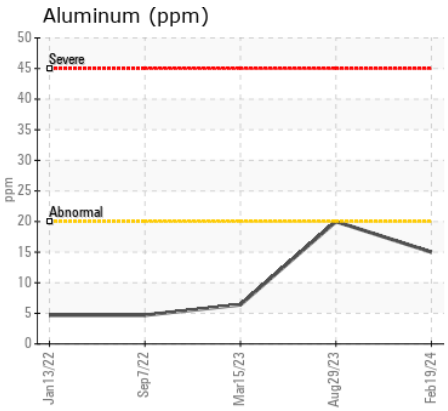
L`état de l`huile est acceptable pour la durée de service.

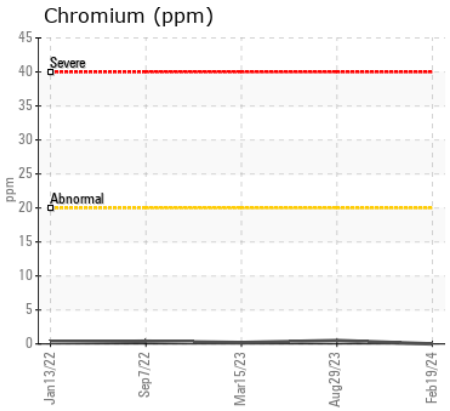
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**GFL0107388**	GFL0080335	GFL0077128
Sample Date		Client Info		**19 Feb 2024**	29 Aug 2023	15 Mar 2023
Machine Age	kms	Client Info		**413676**	404880	391120
Oil Age	kms	Client Info		**600**	600	600
Filter Age	kms	Client Info		**600**	600	600
Oil Changed		Client Info		**Changed**	Changed	Changed
Filter Changed		Client Info		**Changed**	Changed	Changed
Sample Status				**NORMAL**	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>120	**13**	17	13
Chromium	ppm	ASTM D5185(m)	>20	**0**	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	**0**	0	<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	**15**	20	6
Lead	ppm	ASTM D5185(m)	>40	**0**	<1	<1
Copper	ppm	ASTM D5185(m)	>330	**4**	4	4
Tin	ppm	ASTM D5185(m)	>15	**0**	3	<1
Vanadium	ppm	ASTM D5185(m)		**0**	0	0
Silicon	ppm	ASTM D5185(m)	>25	**2**	4	5
Potassium	ppm	ASTM D5185(m)	>20	**22**	37	7
Fuel		WC Method	>3.0	**<1.0**	<1.0	<1.0
Water		WC Method	>0.2	**NEG**	NEG	NEG
Glycol		WC Method		**NEG**	NEG	NEG
Soot %	%	ASTM D7844*	>4	**0.1**	0.2	0.1
Nitration	Abs/cm	ASTM D7624*	>20	**7.7**	8.0	9.9
Sulfation	Abs/.1mm	ASTM D7415*	>30	**18.3**	19.5	24.7
Emulsified Water	scalar	Visual*	>0.2	**NEG**	NEG	NEG
Sodium	ppm	ASTM D5185(m)	>75	**3**	4	4
Boron	ppm	ASTM D5185(m)	250	**6**	7	32
Barium	ppm	ASTM D5185(m)	10	**0**	0	0
Molybdenum	ppm	ASTM D5185(m)	100	**49**	51	10
Manganese	ppm	ASTM D5185(m)		**0**	<1	<1
Magnesium	ppm	ASTM D5185(m)	450	**796**	845	672
Calcium	ppm	ASTM D5185(m)	3000	**1191**	954	1323
Phosphorus	ppm	ASTM D5185(m)	1150	**940**	960	724
Zinc	ppm	ASTM D5185(m)	1350	**1103**	1071	767
Sulfur	ppm	ASTM D5185(m)	4250	**2489**	2357	2412
Oxidation	Abs/.1mm	ASTM D7414*	>25	**14.2**	15.5	16.2
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	**10.7**	10.0	10.9

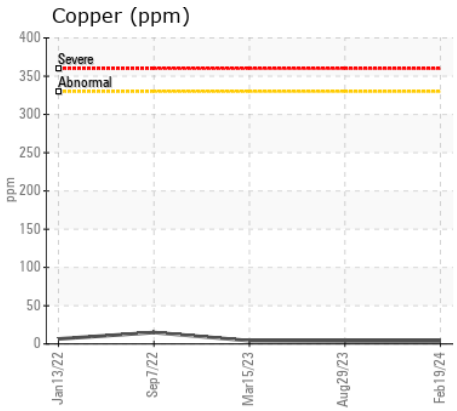


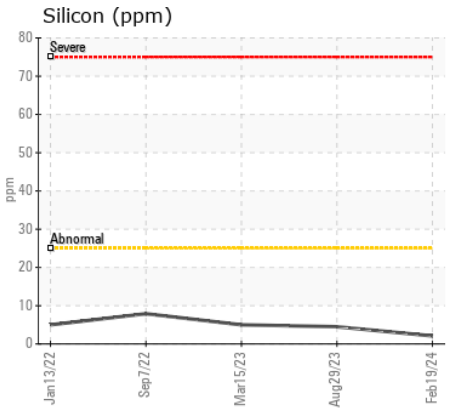


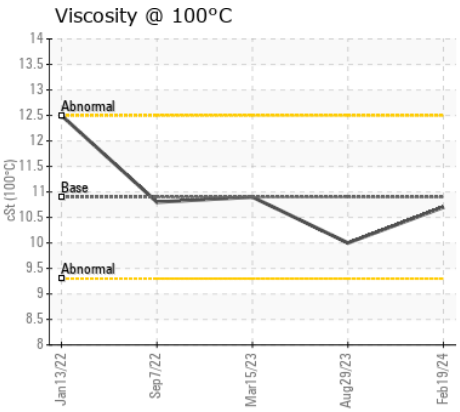


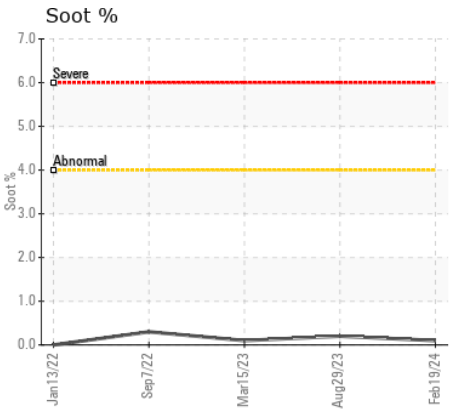












ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0107388
Lab Number : 02625133
Unique Number : 5750252
Test Package : MOB 1

Received : 28 Mar 2024
Tested : 28 Mar 2024
Diagnosed : 28 Mar 2024 - Kevin Marson

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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