MOBIL LUBE 360 OIL DIAGNOSTICS

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ABNORMAL

Machine Id
911054
Component
Diesel Engine
Fluid
PETRO CANADA 10W30 (--- GAL)

RECOMMENDATION

Échantillonner de nouveau l`équipement au prochain intervalle de vidange afin d`en surveiller la condition. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

WEAR

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

CONTAMINATION

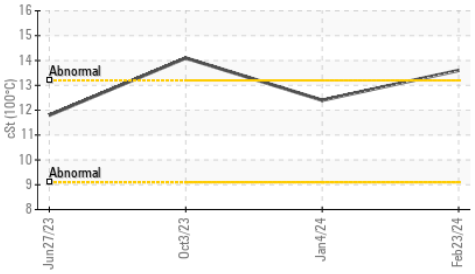
Il n`y a aucun indice de contamination dans l`huile.

FLUID CONDITION

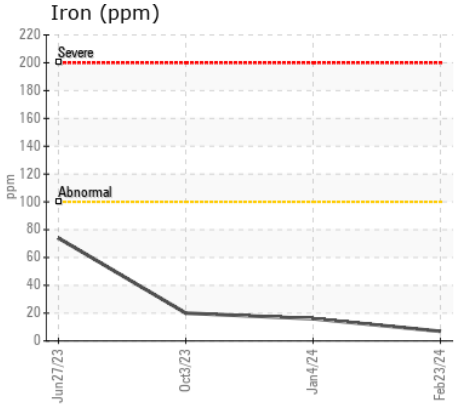
La viscosité de l'échantillon se situe dans la portée de l'SAE 40; nous vous conseillons de vérifier. L`état de l`huile est acceptable pour la durée de service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0110474	GFL0097430	GFL0097411
Sample Date		Client Info		23 Feb 2024	04 Jan 2024	03 Oct 2023
Machine Age	hrs	Client Info		2110	1783	1287
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				ABNORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>100	7	16	20
Chromium	ppm	ASTM D5185(m)	>20	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	2	9	5
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>3	0	<1	<1
Aluminum	ppm	ASTM D5185(m)	>20	2	2	2
Lead	ppm	ASTM D5185(m)	>40	<1	<1	1
Copper	ppm	ASTM D5185(m)	>330	2	15	38
Tin	ppm	ASTM D5185(m)	>15	<1	1	2
Vanadium	ppm	ASTM D5185(m)		0	0	0
Silicon	ppm	ASTM D5185(m)	>25	2	3	8
Potassium	ppm	ASTM D5185(m)	>20	6	7	7
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	ASTM D7844*	>3	0.1	0.5	0.5
Nitration	Abs/cm	ASTM D7624*	>20	7.6	8.8	8.6
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.7	22.9	22.0
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		3	2	4
Boron	ppm	ASTM D5185(m)		141	84	71
Barium	ppm	ASTM D5185(m)		0	0	<1
Molybdenum	ppm	ASTM D5185(m)		0	5	7
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)		17	87	42
Calcium	ppm	ASTM D5185(m)		2142	2039	2229
Phosphorus	ppm	ASTM D5185(m)		924	869	866
Zinc	ppm	ASTM D5185(m)		1110	1091	1147
Sulfur	ppm	ASTM D5185(m)		2954	2636	2461
Oxidation	Abs/.1mm	ASTM D7414*	>25	16.7	17.4	16.4
Visc @ 100°C	cSt	ASTM D7279(m)		▲ 13.6	12.4	14.1

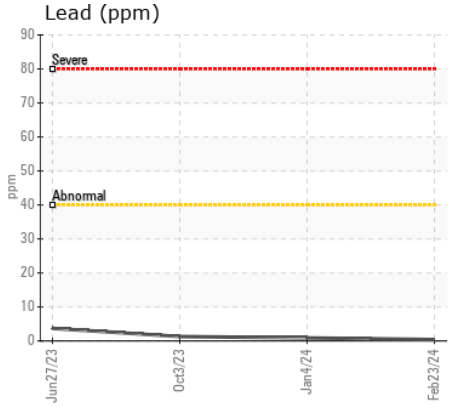
Viscosity @ 100°C



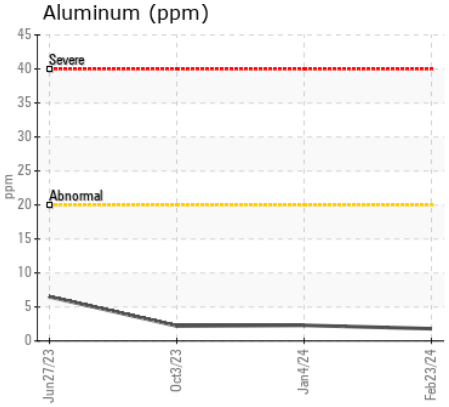
Iron (ppm)



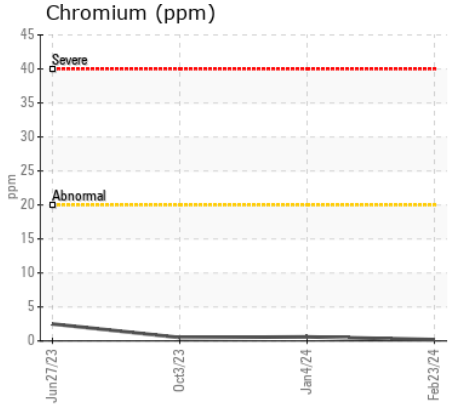
Lead (ppm)



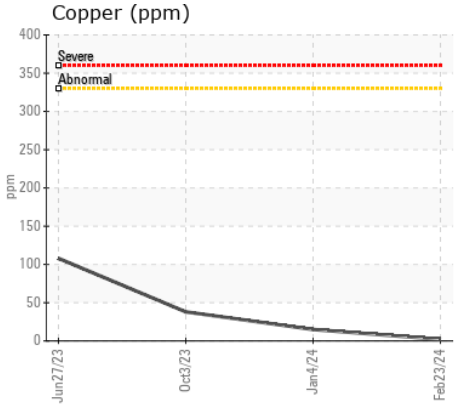
Aluminum (ppm)



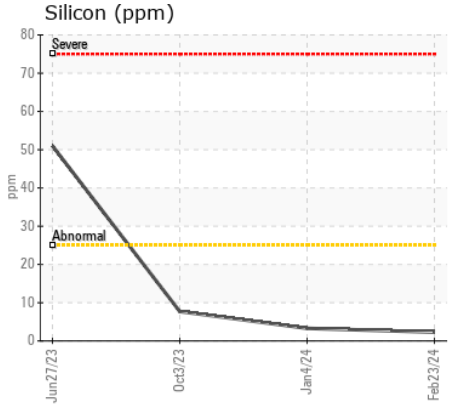
Chromium (ppm)



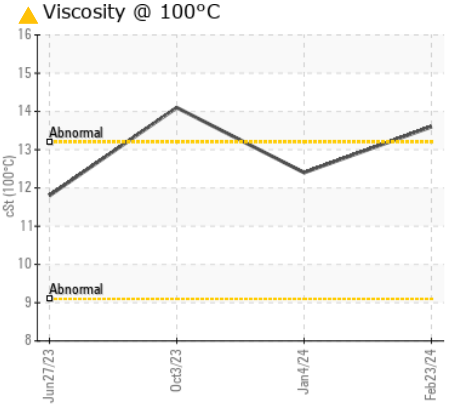
Copper (ppm)



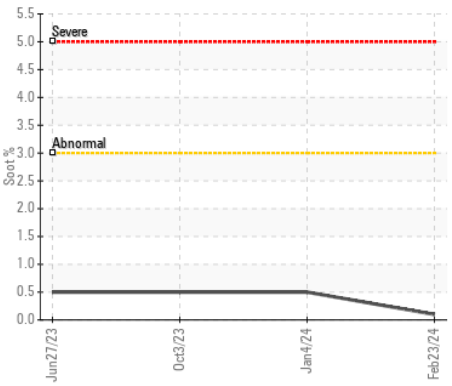
Silicon (ppm)



Viscosity @ 100°C



Soot %



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0110474
Lab Number : 02620068
Unique Number : 5737178
Test Package : MOB 1

Received : 06 Mar 2024
Tested : 06 Mar 2024
Diagnosed : 06 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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