



Machine Id
4700
 Component
Diesel Engine
 Fluid
PETRO CANADA DURON SHP 10W30 (--- GAL)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0094572	GFL0099880	GFL0070802
Sample Date		Client Info		04 Mar 2024	02 Nov 2023	07 Mar 2023
Machine Age	hrs	Client Info		0	132	551441
Oil Age	hrs	Client Info		600	7	0
Filter Age	hrs	Client Info		600	7	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		N/A	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>100	12	24	21
Chromium	ppm	ASTM D5185(m)	>20	<1	2	1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)	>3	<1	1	<1
Aluminum	ppm	ASTM D5185(m)	>20	5	11	14
Lead	ppm	ASTM D5185(m)	>40	0	0	0
Copper	ppm	ASTM D5185(m)	>330	3	5	7
Tin	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

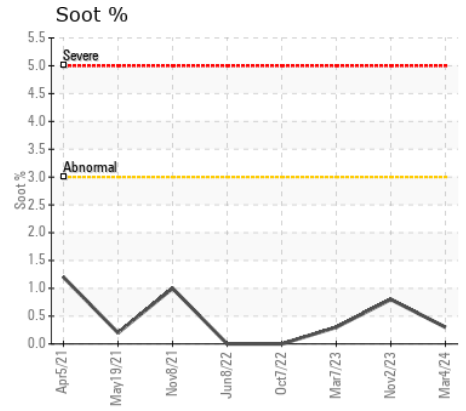
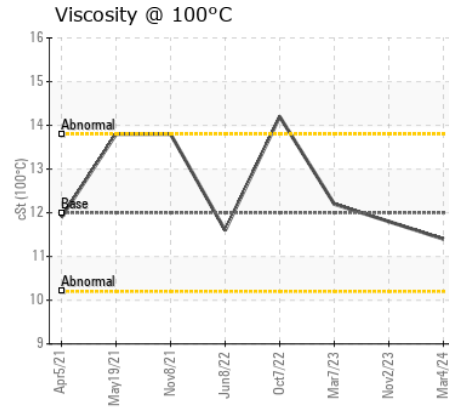
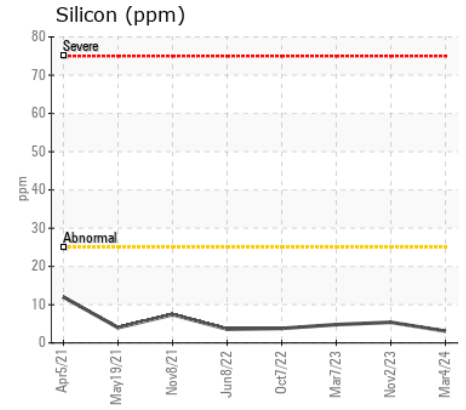
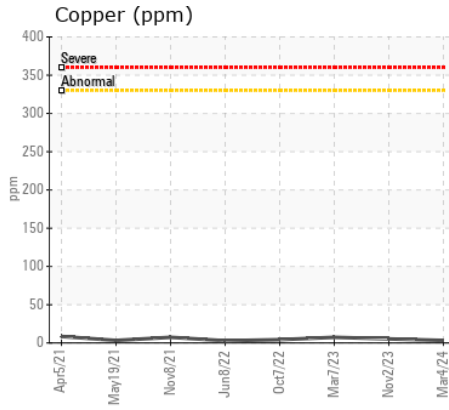
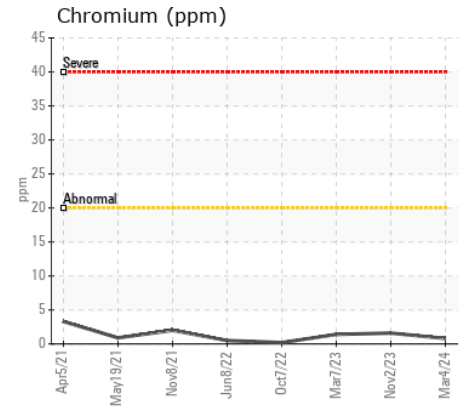
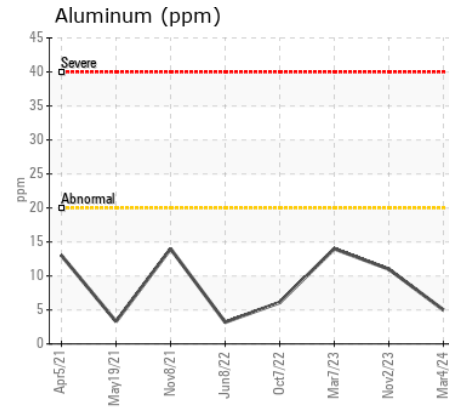
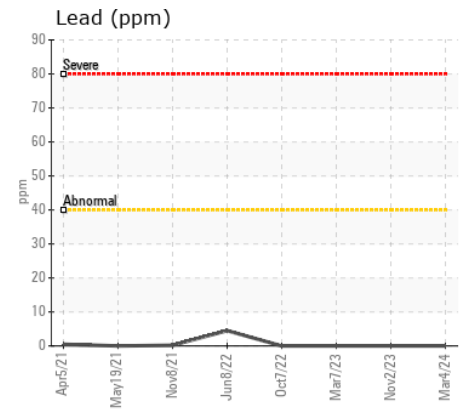
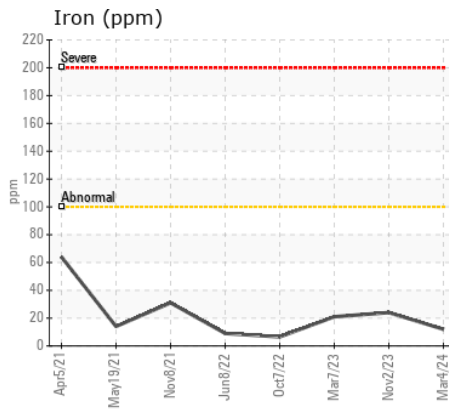
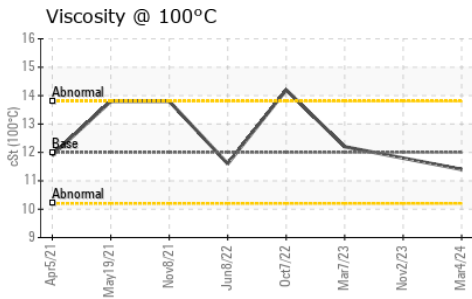
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>25	3	5	5
Potassium	ppm	ASTM D5185(m)	>20	5	10	8
Fuel		WC Method	>5	<1.0	<1.0	0.5
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	0.0	0.0
Soot %	%	ASTM D7844*	>3	0.3	0.8	0.3
Nitration	Abs/cm	ASTM D7624*	>20	7.7	8.8	9.6
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.0	20.8	21.8
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		4	5	9
Boron	ppm	ASTM D5185(m)	2	4	2	18
Barium	ppm	ASTM D5185(m)	0	0	<1	0
Molybdenum	ppm	ASTM D5185(m)	50	57	62	51
Manganese	ppm	ASTM D5185(m)	0	0	0	<1
Magnesium	ppm	ASTM D5185(m)	950	902	989	807
Calcium	ppm	ASTM D5185(m)	1050	1194	1060	1338
Phosphorus	ppm	ASTM D5185(m)	995	1002	1025	1087
Zinc	ppm	ASTM D5185(m)	1180	1164	1244	1206
Sulfur	ppm	ASTM D5185(m)	2600	2660	2409	2741
Oxidation	Abs/.1mm	ASTM D7414*	>25	14.6	16.0	16.1
Visc @ 100°C	cSt	ASTM D7279(m)	12.00	11.4	11.8	12.2



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0094572
Lab Number : 02620769
Unique Number : 5737879
Test Package : MOB 1
Received : 08 Mar 2024
Tested : 08 Mar 2024
Diagnosed : 08 Mar 2024 - Wes Davis

GFL Environmental - 736 - Trois-Rivieres
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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.