



Machine Id
OR489

Component
Diesel Engine

Fluid
APRIL SUPERFLO RX1 100% SYN PASS CAR ENG OIL 5W40 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier la source de la fuite de fluide de refroidissement. Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons de rincer complètement le composant avant de le remplir l'huile. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

WEAR

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

CONTAMINATION

Le test de glycol est positif. Il y a une légère concentration de glycol dans l'huile. Concentration modérée d'eau dans l'huile.

FLUID CONDITION

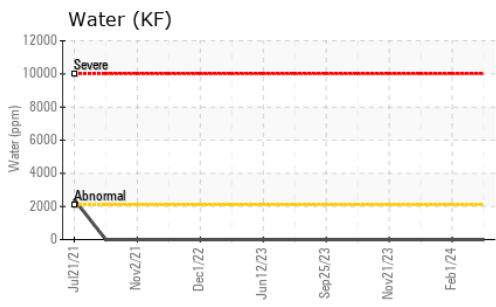
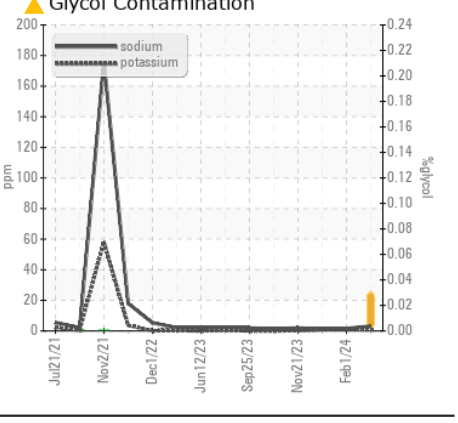
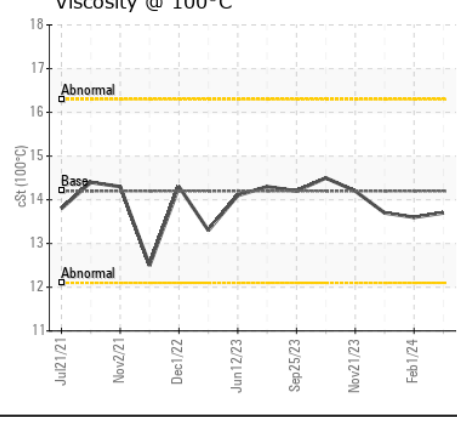
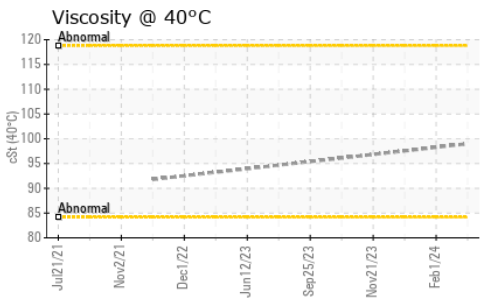
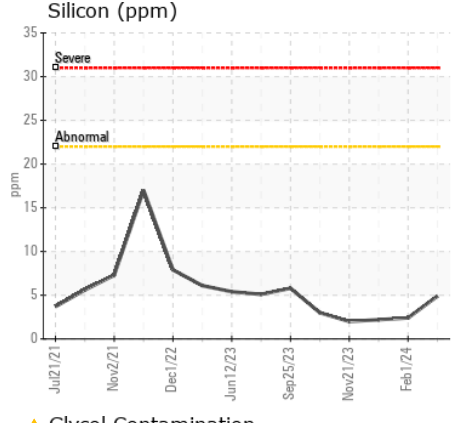
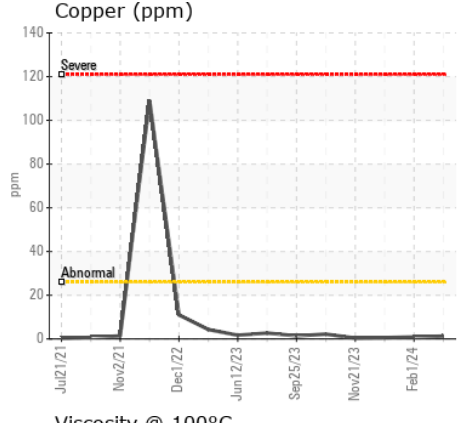
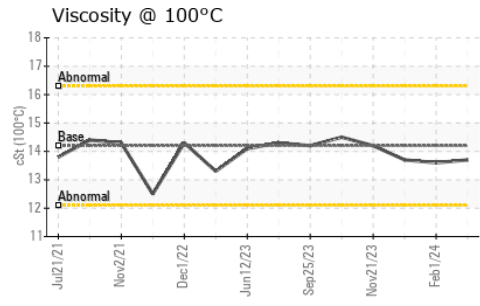
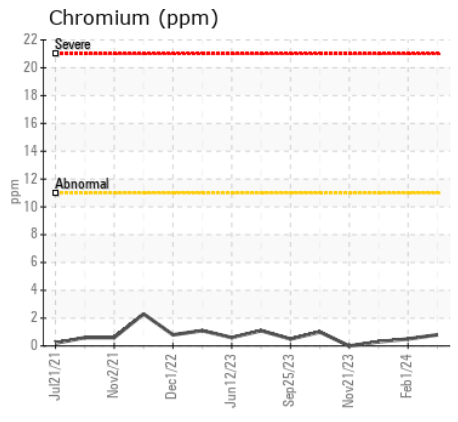
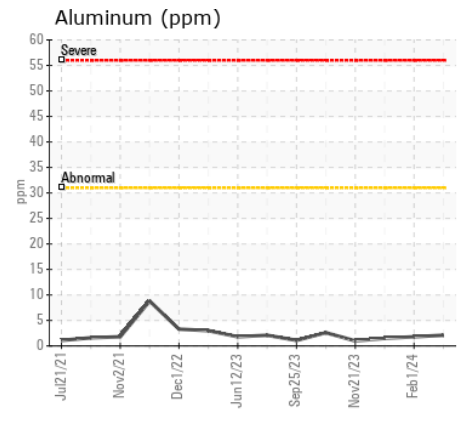
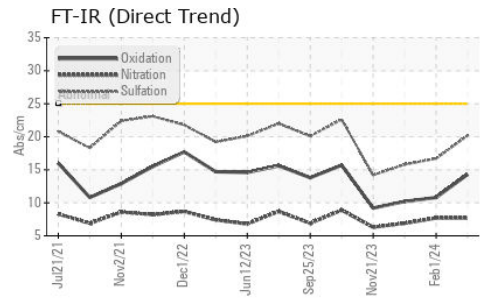
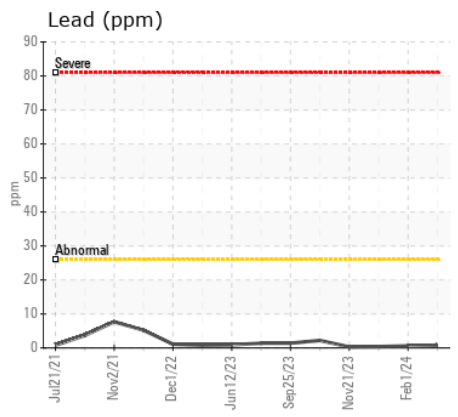
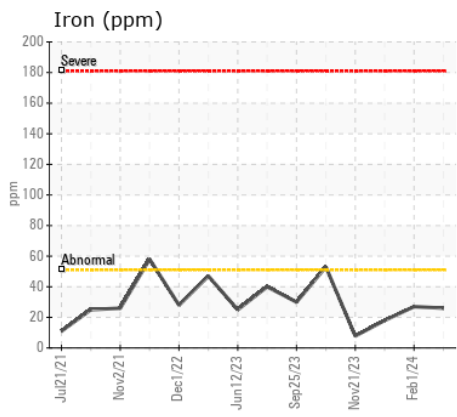
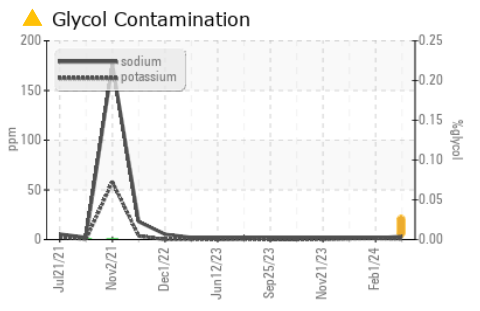
L'huile ne peut plus être utilisée en raison de la présence de contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0114987	GFL0089187	GFL0089232
Sample Date		Client Info		17 Jun 2024	01 Feb 2024	22 Dec 2023
Machine Age	kms	Client Info		12355	11932	11809
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		N/A	Changed	Not Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	NORMAL	NORMAL

Iron	ppm	ASTM D5185(m)	>51	26	27	18
Chromium	ppm	ASTM D5185(m)	>11	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>3	0	0	0
Aluminum	ppm	ASTM D5185(m)	>31	2	2	2
Lead	ppm	ASTM D5185(m)	>26	<1	<1	<1
Copper	ppm	ASTM D5185(m)	>26	1	<1	<1
Tin	ppm	ASTM D5185(m)	>4	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	---	NONE	---
Yellow Metal	scalar	Visual*	NONE	---	NONE	---

Silicon	ppm	ASTM D5185(m)	>22	5	2	2
Potassium	ppm	ASTM D5185(m)	>20	<1	1	<1
Fuel		WC Method	>2.1	<1.0	<1.0	<1.0
Water	%	ASTM D6304*	>0.21	NEG	NEG	NEG
Glycol	%	ASTM D7922*		▲ 0.03	NEG	NEG
Soot %	%	ASTM D7844*	>3	1	0.7	0.5
Nitration	Abs/cm	ASTM D7624*	>20	7.7	7.7	6.9
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.2	16.7	15.8
Silt	scalar	Visual*	NONE	---	NONE	---
Debris	scalar	Visual*	NONE	---	NONE	---
Sand/Dirt	scalar	Visual*	NONE	---	NONE	---
Appearance	scalar	Visual*	NORML	---	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.21	▲ .5%	NEG	NEG

Sodium	ppm	ASTM D5185(m)	>31	3	2	1
Boron	ppm	ASTM D5185(m)		8	39	43
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		61	18	18
Manganese	ppm	ASTM D5185(m)		<1	0	0
Magnesium	ppm	ASTM D5185(m)		983	301	305
Calcium	ppm	ASTM D5185(m)		1126	1505	1498
Phosphorus	ppm	ASTM D5185(m)		1024	769	781
Zinc	ppm	ASTM D5185(m)		1227	881	878
Sulfur	ppm	ASTM D5185(m)		2599	1923	1934
Oxidation	Abs/.1mm	ASTM D7414*	>25	14.3	10.8	10.2
Visc @ 40°C	cSt	ASTM D7279(m)		99.0	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	14.2	13.7	13.6	13.7
Viscosity Index (VI)	Scale	ASTM D2270*		139	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0114987
Lab Number : 02642481
Unique Number : 5800020
Test Package : MOB 1 (Additional Tests: Glycol, KF, KV40, VI, Visual)

GFL Environmental - 784 - Saint-Hyacinthe
 3525 Boul. Laurier Est.,
 Saint-Hyacinthe, QC
 CA J2R 2B2
 Contact: Nadine Authier
 nauthier@matrec.ca

*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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