



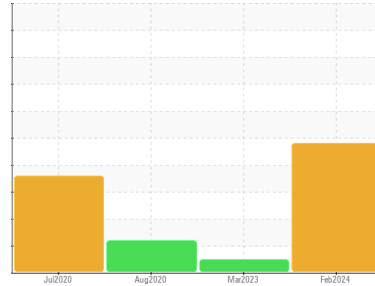
OIL ANALYSIS REPORT

Sample Rating Trend

GLYCOL



Machine Id
701055
Component
Transmission (Auto)
Fluid
PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- GAL)



DIAGNOSIS

Recommendation

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

Wear

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

Contamination

Le test de glycol est positif. Concentration modérée de glycol dans le fluide.

Fluid Condition

le fluide ne peut plus être utilisée en raison de la présence de contaminants.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0103717	GFL0047509	GFL0009650
Sample Date	Client Info	18 Feb 2024	13 Mar 2023	10 Aug 2020
Machine Age	hrs	0	12540	7396
Oil Age	hrs	0	1200	0
Oil Changed	Client Info	N/A	Not Changd	Not Changd
Sample Status		ABNORMAL	NORMAL	SEVERE

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	NEG	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >300	46	35	60
Chromium	ppm ASTM D5185(m) >2	0	0	0
Nickel	ppm ASTM D5185(m) >4	<1	<1	<1
Titanium	ppm ASTM D5185(m) >3	0	<1	0
Silver	ppm ASTM D5185(m) >5	0	0	0
Aluminum	ppm ASTM D5185(m) >70	17	14	25
Lead	ppm ASTM D5185(m) >85	18	12	5
Copper	ppm ASTM D5185(m) >90	25	15	19
Tin	ppm ASTM D5185(m) >10	3	3	2
Antimony	ppm ASTM D5185(m) >5	0	<1	<1
Vanadium	ppm ASTM D5185(m)	0	0	0
Beryllium	ppm ASTM D5185(m)	0	0	0
Cadmium	ppm ASTM D5185(m)	0	0	0

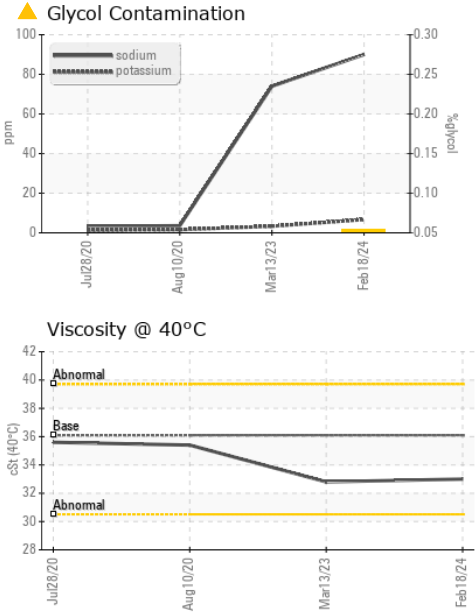
ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	24	43	190
Barium	ppm ASTM D5185(m)	0	0	0
Molybdenum	ppm ASTM D5185(m)	1	<1	0
Manganese	ppm ASTM D5185(m)	0	<1	<1
Magnesium	ppm ASTM D5185(m)	4	4	2
Calcium	ppm ASTM D5185(m)	124	125	122
Phosphorus	ppm ASTM D5185(m)	216	227	454
Zinc	ppm ASTM D5185(m)	8	5	3
Sulfur	ppm ASTM D5185(m)	1422	1386	2127
Lithium	ppm ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >20	7	8	8
Sodium	ppm ASTM D5185(m)	90	74	4
Potassium	ppm ASTM D5185(m) >20	7	3	2
Glycol	% ASTM D7922*	0.054	---	---

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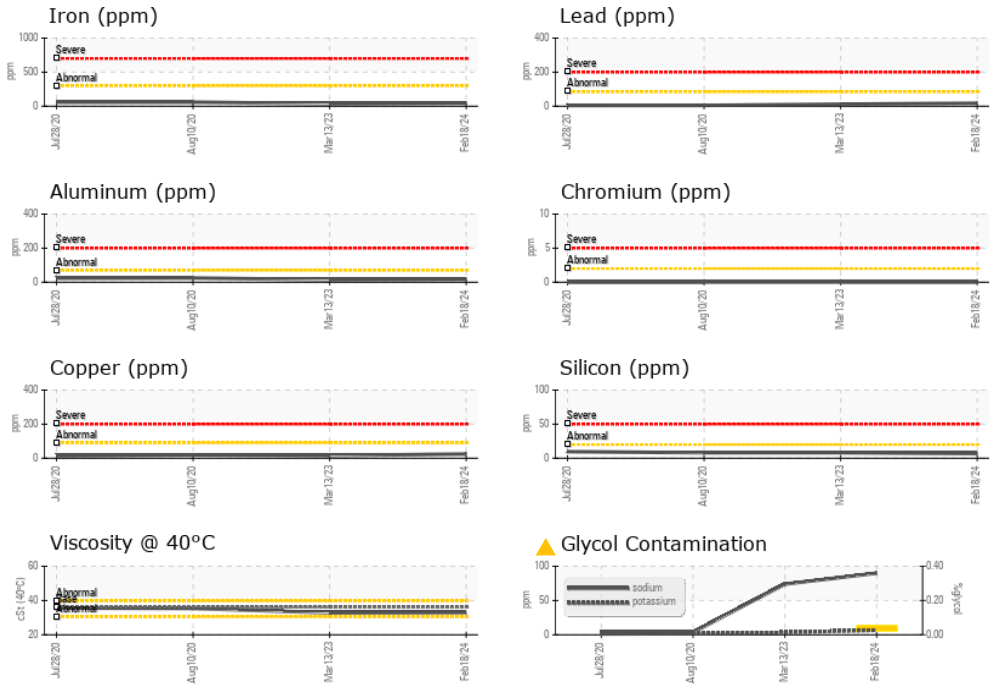


PARAMETER	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	33.0	32.8

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0103717
Lab Number : 02617145
Unique Number : 5734255
Test Package : MOB 1 (Additional Tests: Glycol)

Received : 21 Feb 2024
Tested : 22 Feb 2024
Diagnosed : 22 Feb 2024 - Wes Davis
GFL Environmental - 780 - GMA - ICI - Solid Waste
 4365 boul. St-Elzear Ouest,
 Laval, QC
 CA H7P 4J3
 Contact: Pieces Laval
 pieces.laval@gflenv.com
 T: (450)687-3838
 F:

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.