

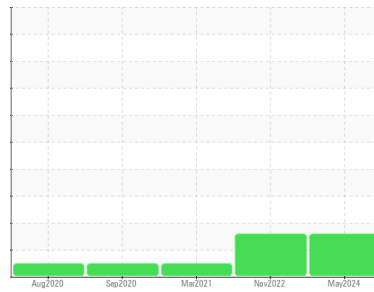


OIL ANALYSIS REPORT



Machine Id
8414
 Component
Transmission (Auto)
 Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

Sample Rating Trend



DIRT



DIAGNOSIS

Recommendation

Nous vous recommandons de vérifier tous les endroits par lesquels de la saleté peut pénétrer dans le système. Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. (Customer Sample Comment:

Top Up Amount: 1 GAL)

Wear

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

Contamination

Concentration modérée de saleté 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		GFL0107378	GFL0059929	GFL0013499
Sample Date	Client Info		10 May 2024	15 Nov 2022	16 Mar 2021
Machine Age	hrs	Client Info	9940	161687	5590
Oil Age	hrs	Client Info	1200	89131	2000
Oil Changed	Client Info		Oil Added	Changed	Not Chngd
Sample Status			ABNORMAL	ABNORMAL	NORMAL

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) >325	257	171	174
Chromium	ppm	ASTM D5185(m) >2	<1	<1	<1
Nickel	ppm	ASTM D5185(m) >2	0	<1	<1
Titanium	ppm	ASTM D5185(m) >3	0	<1	0
Silver	ppm	ASTM D5185(m) >5	0	0	<1
Aluminum	ppm	ASTM D5185(m) >75	55	40	60
Lead	ppm	ASTM D5185(m) >40	35	35	27
Copper	ppm	ASTM D5185(m) >50	37	23	16
Tin	ppm	ASTM D5185(m) >10	5	4	4
Antimony	ppm	ASTM D5185(m) >3	0	0	0
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) 78	90	118	107
Barium	ppm	ASTM D5185(m)	0	0	0
Molybdenum	ppm	ASTM D5185(m) 0	0	0	<1
Manganese	ppm	ASTM D5185(m)	2	2	2
Magnesium	ppm	ASTM D5185(m) 0	3	1	2
Calcium	ppm	ASTM D5185(m) 113	118	115	35
Phosphorus	ppm	ASTM D5185(m) 222	260	323	254
Zinc	ppm	ASTM D5185(m)	8	7	6
Sulfur	ppm	ASTM D5185(m) 1326	1522	1637	390
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

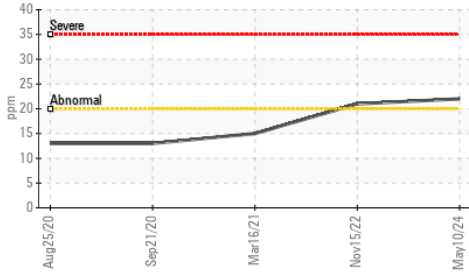
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	▲ 22	▲ 21	15
Sodium	ppm	ASTM D5185(m)	14	16	7
Potassium	ppm	ASTM D5185(m) >20	2	2	3

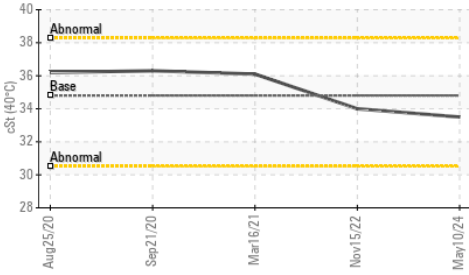


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▲ Silicon (ppm)



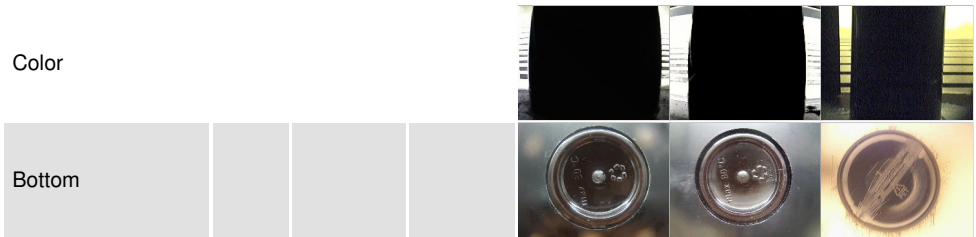
Viscosity @ 40°C



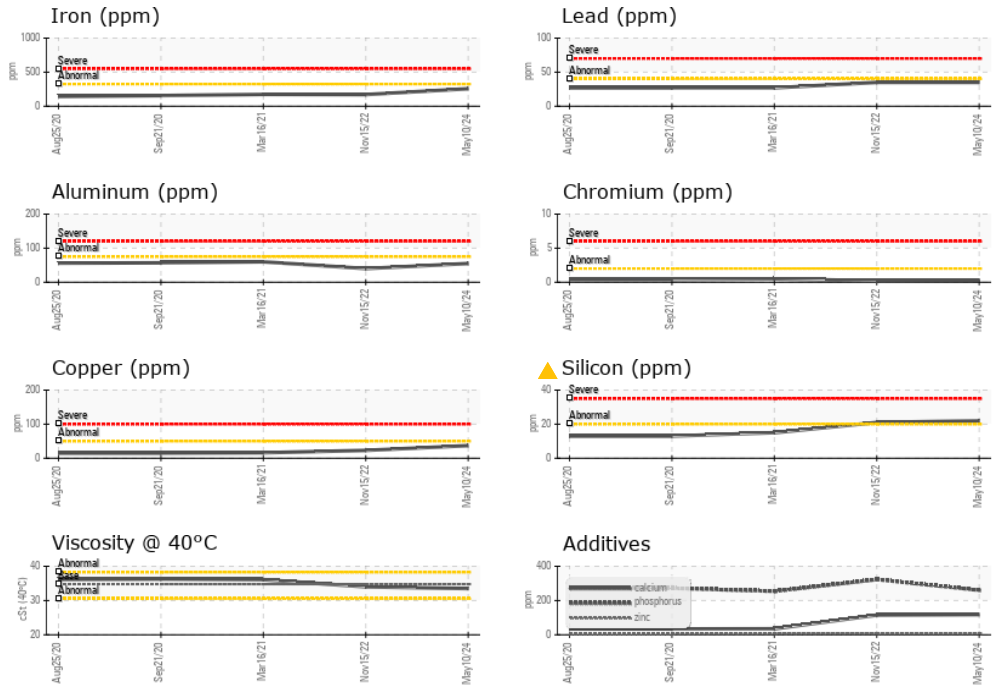
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	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)	34.8	33.5	34.0

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0107378
Lab Number : 02635326
Unique Number : 5776479
Test Package : MOB 1

GFL Environmental - 731STOK - Stoke Hauling
 286 Chemin Cote
 Stoke, QC
 CA J0B 3G0
 Contact: Robert Sayers
 rsayers@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.