



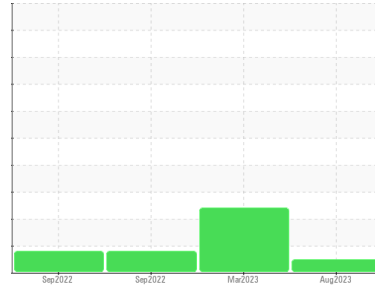
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
711032
 Component
Transmission (Auto)
 Fluid
PETRO CANADA DURADRIIVE HD SYNTHETIC ATF (--- GAL)



DIAGNOSIS

Recommendation

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

Wear

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

Contamination

Il n'y a aucun indice de contamination dans le fluide.

Fluid Condition

L'état de le fluide est acceptable pour la durée de service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0088820	GFL0047499	GFL0047441
Sample Date	Client Info		30 Aug 2023	09 Mar 2023	27 Sep 2022
Machine Age	kms	Client Info	97083	5022	49835
Oil Age	kms	Client Info	0	1200	0
Oil Changed	Client Info		Not Chngd	Not Chngd	N/A
Sample Status			NORMAL	ABNORMAL	ABNORMAL

WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>230	79	152	118
Chromium	ppm	ASTM D5185(m)	>2	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	0	<1	0
Silver	ppm	ASTM D5185(m)	>5	0	0	0
Aluminum	ppm	ASTM D5185(m)	>65	40	▲ 75	40
Lead	ppm	ASTM D5185(m)	>55	44	▲ 115	▲ 116
Copper	ppm	ASTM D5185(m)	>85	70	170	132
Tin	ppm	ASTM D5185(m)	>5	3	▲ 6	7
Antimony	ppm	ASTM D5185(m)		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)		93	129	149
Barium	ppm	ASTM D5185(m)		<1	<1	1
Molybdenum	ppm	ASTM D5185(m)		<1	<1	<1
Manganese	ppm	ASTM D5185(m)		1	3	2
Magnesium	ppm	ASTM D5185(m)		2	1	<1
Calcium	ppm	ASTM D5185(m)		128	133	134
Phosphorus	ppm	ASTM D5185(m)		297	394	427
Zinc	ppm	ASTM D5185(m)		8	9	7
Sulfur	ppm	ASTM D5185(m)		1693	2027	2106
Lithium	ppm	ASTM D5185(m)		<1	1	<1

CONTAMINANTS

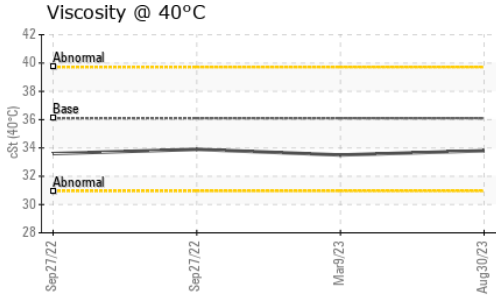
	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>20	9	15	12
Sodium	ppm	ASTM D5185(m)		6	12	13
Potassium	ppm	ASTM D5185(m)	>20	2	4	5

VISUAL

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

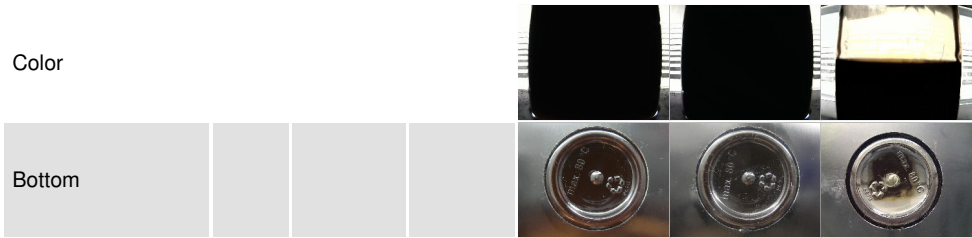


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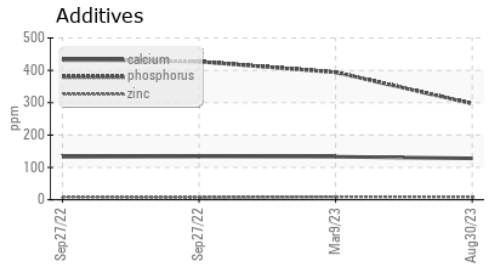
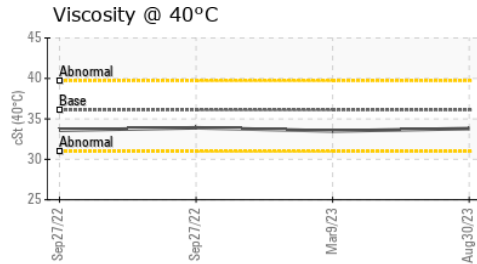
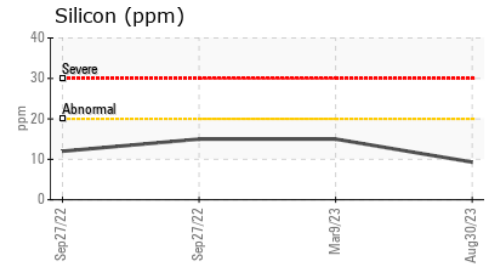
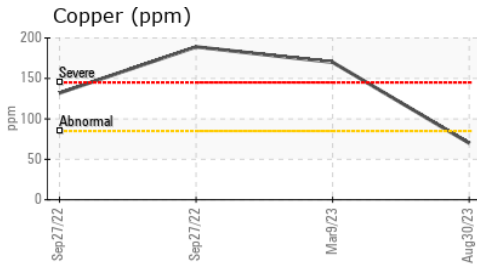
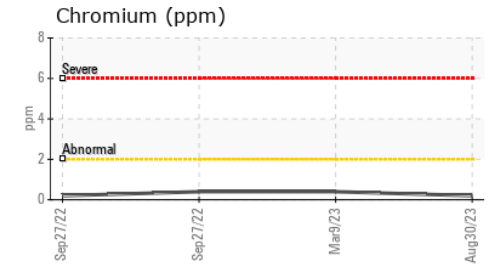
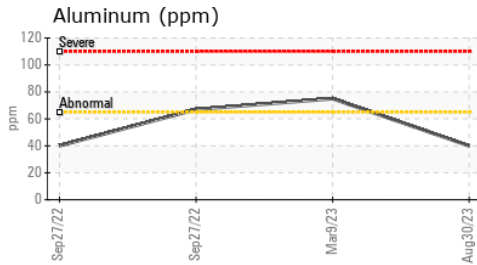
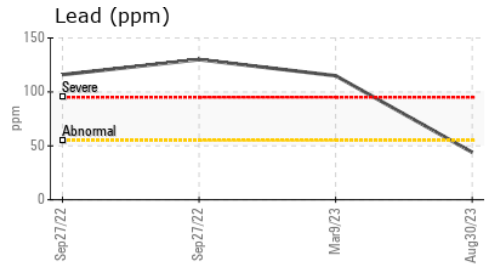
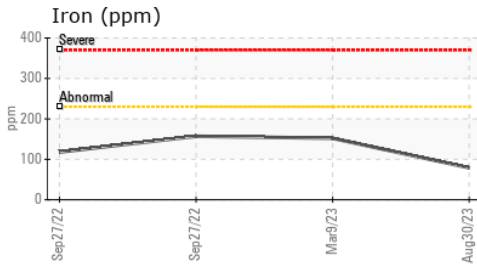


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	33.8	33.5	33.9

SAMPLE IMAGES		method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste
Sample No. : GFL0088820 **Received** : 05 Sep 2023 4365 boul. St-Elzear Ouest,
Lab Number : 02580435 **Diagnosed** : 05 Sep 2023 Laval, QC
Unique Number : 5633495 **Diagnostician** : Kevin Marson CA H7P 4J3
Test Package : MOB 1 Contact: Pieces Laval
pieces.laval@gflenv.com

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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 F: