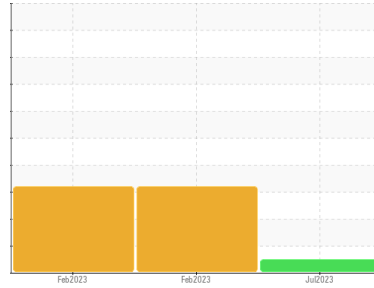




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
711030
 Component
Transmission (Auto)
 Fluid
PETRO CANADA DURADRIVE 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		GFL0088850	GFL0073430	GFL0073452
Sample Date	Client Info		08 Jul 2023	23 Feb 2023	02 Feb 2023
Machine Age	kms	Client Info	119528	97680	4249
Oil Age	kms	Client Info	0	0	1200
Oil Changed	Client Info		Not Chngd	N/A	N/A
Sample Status			NORMAL	ABNORMAL	ABNORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >220	159	▲ 236	▲ 288
Chromium	ppm	ASTM D5185(m) >2	<1	<1	<1
Nickel	ppm	ASTM D5185(m) >5	<1	1	1
Titanium	ppm	ASTM D5185(m)	0	0	<1
Silver	ppm	ASTM D5185(m) >5	0	0	0
Aluminum	ppm	ASTM D5185(m) >75	61	▲ 88	▲ 108
Lead	ppm	ASTM D5185(m) >95	51	▲ 100	▲ 126
Copper	ppm	ASTM D5185(m) >60	73	131	172
Tin	ppm	ASTM D5185(m) >10	7	▲ 11	▲ 14
Antimony	ppm	ASTM D5185(m) >2	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)	92	123	145
Barium	ppm	ASTM D5185(m)	<1	<1	<1
Molybdenum	ppm	ASTM D5185(m)	<1	<1	<1
Manganese	ppm	ASTM D5185(m)	2	3	4
Magnesium	ppm	ASTM D5185(m)	5	1	1
Calcium	ppm	ASTM D5185(m)	129	136	134
Phosphorus	ppm	ASTM D5185(m)	289	373	431
Zinc	ppm	ASTM D5185(m)	12	10	9
Sulfur	ppm	ASTM D5185(m)	1664	1919	2073
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >25	13	18	20
Sodium	ppm	ASTM D5185(m)	7	11	13
Potassium	ppm	ASTM D5185(m) >20	4	5	6

INFRA-RED

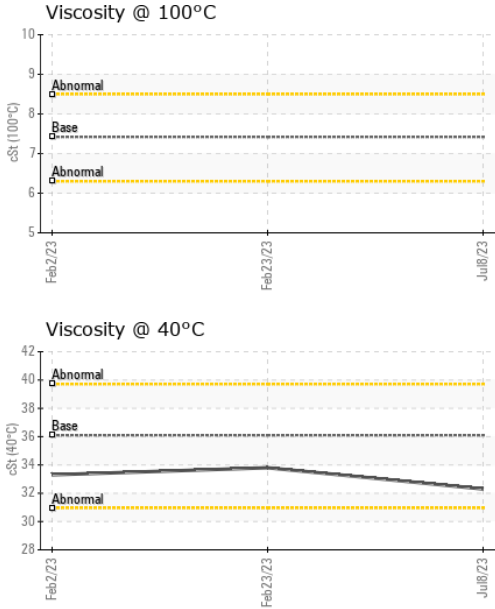
	method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	0	---	---
Nitration	Abs/cm	ASTM D7624*	5.5	---	---
Sulfation	Abs/.1mm	ASTM D7415*	48.8	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*	63.3	---	---



OIL ANALYSIS REPORT

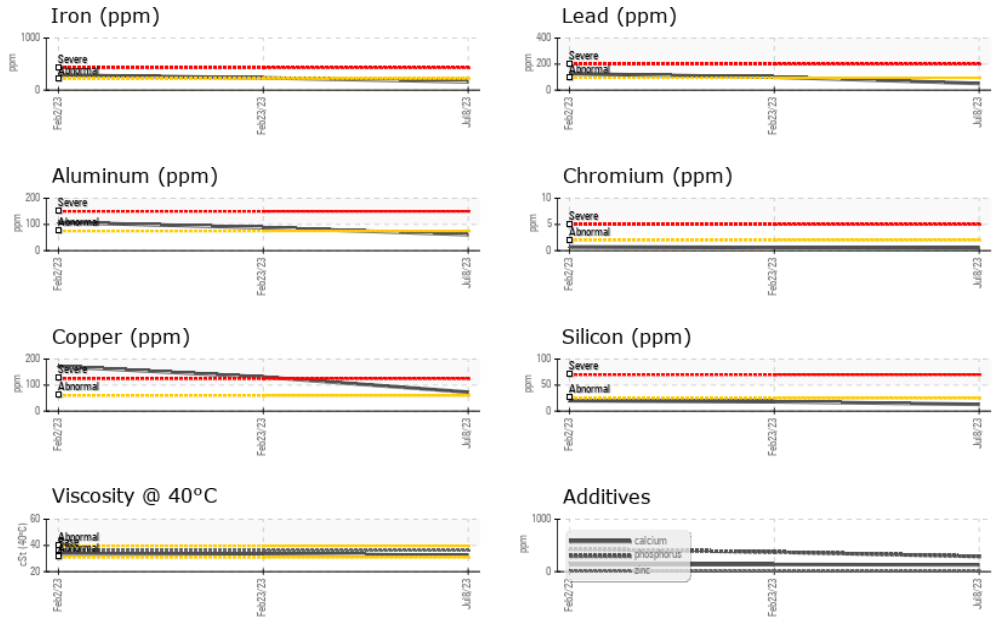


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	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	32.3	33.8
Visc @ 100°C	cSt	ASTM D7279(m)	7.42	6.7	---
Viscosity Index (VI)	Scale	ASTM D2270*	178	170	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste
Sample No. : GFL0088850 **Received** : 24 Aug 2023
Lab Number : 02577963 **Diagnosed** : 24 Aug 2023
Unique Number : 5631023 **Diagnostician** : Wes Davis
Test Package : MOB 1 (Additional Tests: FT-IR, KV100, VI)

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.

4365 boul. St-Elzear Ouest,
 Laval, QC
 CA H7P 4J3
 Contact: Pieces Laval
 pieces.laval@gflenv.com
 T: (450)687-3838
 F: