



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
810043

Component
Transmission (Auto)

Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0109896	GFL0101188	GFL0094314
Sample Date		Client Info		12 Jan 2024	17 Nov 2023	19 Sep 2023
Machine Age	hrs	Client Info		9500	9047	8897
Oil Age	hrs	Client Info		417	1822	561
Filter Age	hrs	Client Info		417	1822	561
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Not Changed	Not Changed	Not Changed
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>230	46	20	134
Chromium	ppm	ASTM D5185m	>2	<1	0	<1
Nickel	ppm	ASTM D5185m	>5	0	0	1
Titanium	ppm	ASTM D5185m	>2	0	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>65	21	12	▲ 74
Lead	ppm	ASTM D5185m	>55	10	1	33
Copper	ppm	ASTM D5185m	>85	18	22	44
Tin	ppm	ASTM D5185m	>5	3	<1	▲ 9
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

There is no indication of any contamination in the oil.

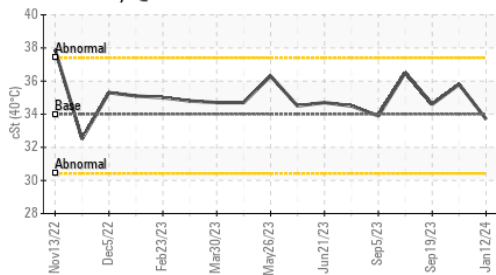
Silicon	ppm	ASTM D5185m	>20	4	6	9
Potassium	ppm	ASTM D5185m	>20	3	4	5
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

FLUID CONDITION

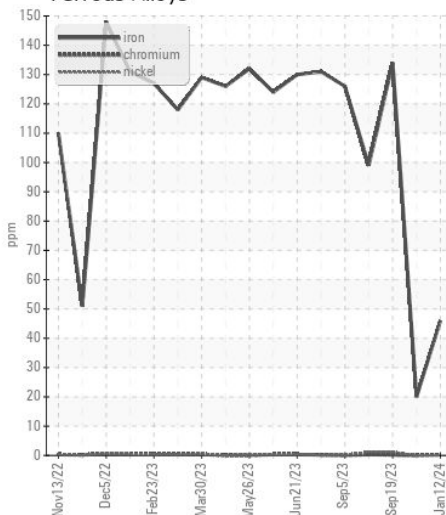
The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		0	30	8
Boron	ppm	ASTM D5185m		78	77	71
Barium	ppm	ASTM D5185m		3	0	2
Molybdenum	ppm	ASTM D5185m		0	6	0
Manganese	ppm	ASTM D5185m		0	<1	2
Magnesium	ppm	ASTM D5185m		<1	51	4
Calcium	ppm	ASTM D5185m		110	179	76
Phosphorus	ppm	ASTM D5185m		254	251	237
Zinc	ppm	ASTM D5185m		0	82	11
Sulfur	ppm	ASTM D5185m		1556	1666	940
Visc @ 40°C	cSt	ASTM D445	34	33.7	35.8	34.6

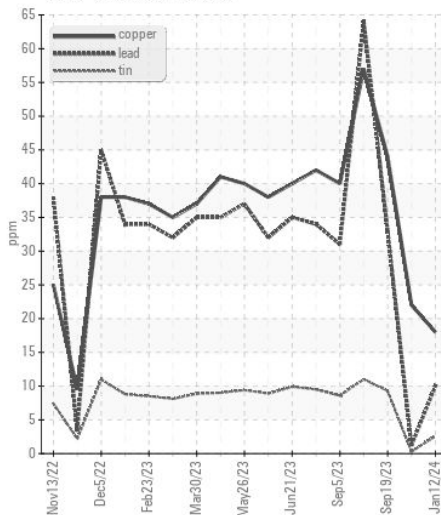
Viscosity @ 40°C



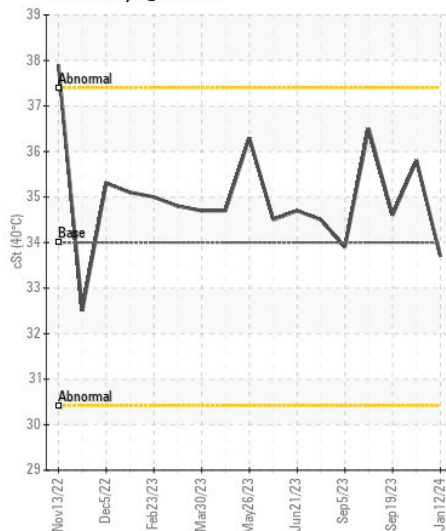
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0109896 **Received** : 18 Jan 2024
Lab Number : 06064632 **Diagnosed** : 21 Jan 2024
Unique Number : 10836014 **Diagnostician** : Don Baldrige
Test Package : FLEET

GFL Environmental - 010 - Stockbridge
 1280 Rum Creek Parkway
 Stockbridge, GA
 US 30281
 Contact: JOSHUA TINKER
 joshuatinker@gflenv.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:
F: