



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
{UNASSIGNED}
Machine Id
834020
Component
Transmission (Auto)
Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (8 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0107221	GFL0101272	GFL0101249
Sample Date		Client Info		08 Jan 2024	04 Dec 2023	01 Dec 2023
Machine Age	hrs	Client Info		1350	1110	995
Oil Age	hrs	Client Info		1338	1110	396
Filter Age	hrs	Client Info		1338	1110	396
Oil Changed		Client Info		Not Chngd	Not Chngd	Not Chngd
Filter Changed		Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>230	78	71	68
Chromium	ppm	ASTM D5185m	>2	<1	<1	<1
Nickel	ppm	ASTM D5185m	>5	<1	<1	<1
Titanium	ppm	ASTM D5185m	>2	0	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>65	34	29	26
Lead	ppm	ASTM D5185m	>55	16	13	11
Copper	ppm	ASTM D5185m	>85	17	16	15
Tin	ppm	ASTM D5185m	>5	3	2	2
Vanadium	ppm	ASTM D5185m		0	0	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 fluid.

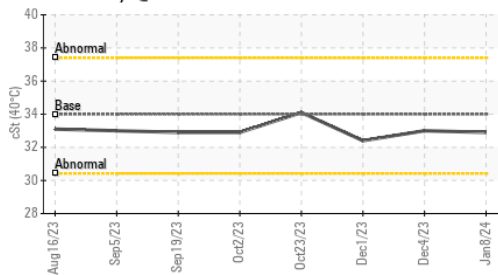
Silicon	ppm	ASTM D5185m	>20	19	18	19
Potassium	ppm	ASTM D5185m	>20	3	4	4
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

FLUID CONDITION

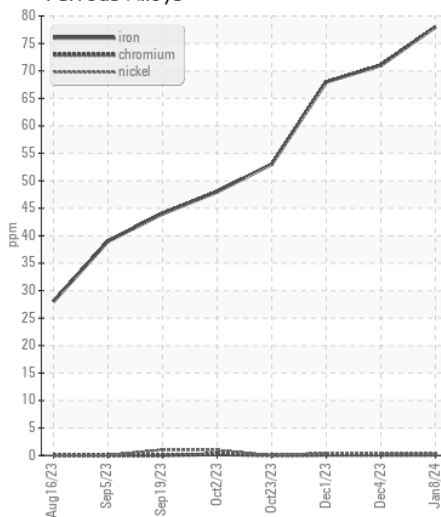
The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		8	5	5
Boron	ppm	ASTM D5185m		39	41	41
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	<1	<1
Manganese	ppm	ASTM D5185m		2	1	1
Magnesium	ppm	ASTM D5185m		0	1	1
Calcium	ppm	ASTM D5185m		115	120	121
Phosphorus	ppm	ASTM D5185m		202	194	201
Zinc	ppm	ASTM D5185m		20	15	15
Sulfur	ppm	ASTM D5185m		1508	1661	1559
Visc @ 40°C	cSt	ASTM D445	34	32.9	33.0	32.4

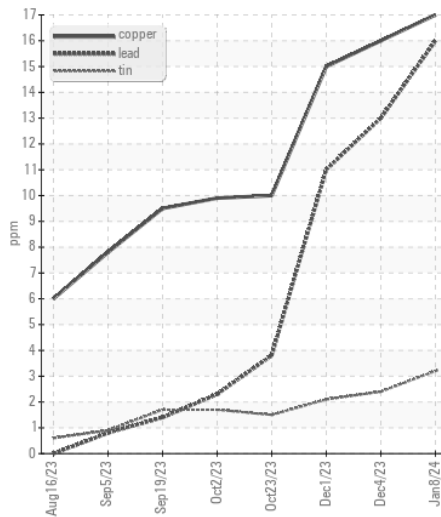
Viscosity @ 40°C



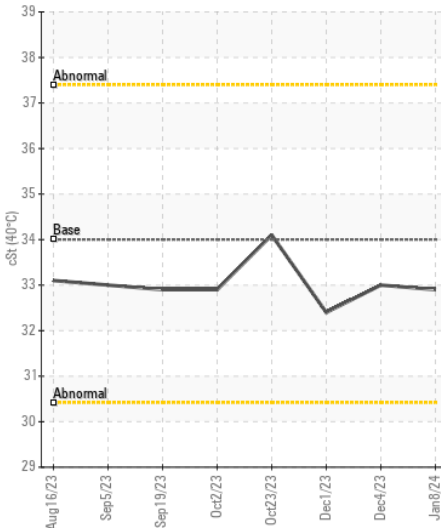
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0107221 **Received** : 11 Jan 2024
Lab Number : 06058481 **Diagnosed** : 12 Jan 2024
Unique Number : 10829863 **Diagnostician** : Wes Davis
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)