



OIL ANALYSIS REPORT

Sample Rating Trend

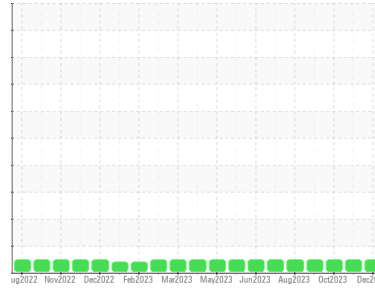
NORMAL



Machine Id
10855

Component
Transmission (Auto)

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



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

SAMPLE INFORMATION

method	limit/base	current	history1	history2	
Sample Number	Client Info	GFL0101230	GFL0097936	GFL0091424	
Sample Date	Client Info	05 Dec 2023	15 Nov 2023	23 Oct 2023	
Machine Age	hrs	Client Info	16434	16318	16162
Oil Age	hrs	Client Info	555	439	290
Oil Changed	Client Info	Not Changed	Not Changed	Not Changed	
Sample Status		NORMAL	NORMAL	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 D5185m >160	46	44	46
Chromium	ppm ASTM D5185m >5	<1	0	0
Nickel	ppm ASTM D5185m >5	0	0	0
Titanium	ppm ASTM D5185m	0	0	0
Silver	ppm ASTM D5185m >5	0	0	0
Aluminum	ppm ASTM D5185m >50	6	7	6
Lead	ppm ASTM D5185m >50	<1	<1	0
Copper	ppm ASTM D5185m >225	7	11	7
Tin	ppm ASTM D5185m >10	0	<1	<1
Vanadium	ppm ASTM D5185m	0	<1	0
Cadmium	ppm ASTM D5185m	0	0	0

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	57	52	53
Barium	ppm ASTM D5185m	0	0	0
Molybdenum	ppm ASTM D5185m	1	<1	0
Manganese	ppm ASTM D5185m	0	1	<1
Magnesium	ppm ASTM D5185m	10	0	2
Calcium	ppm ASTM D5185m	132	115	122
Phosphorus	ppm ASTM D5185m	212	187	210
Zinc	ppm ASTM D5185m	4	19	10
Sulfur	ppm ASTM D5185m	1765	1620	1615

CONTAMINANTS

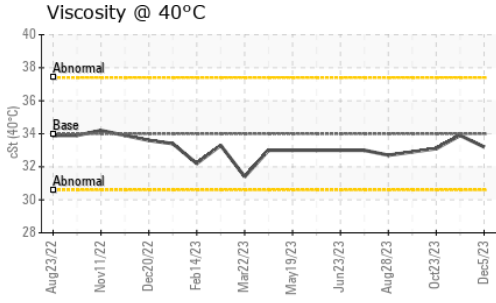
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	6	4	6
Sodium	ppm ASTM D5185m	2	4	3
Potassium	ppm ASTM D5185m >20	1	2	0

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	LIGHT	LIGHT	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



OIL ANALYSIS REPORT



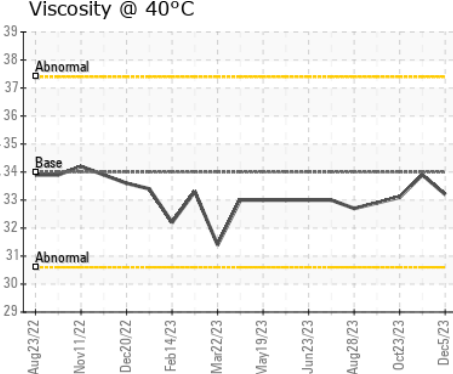
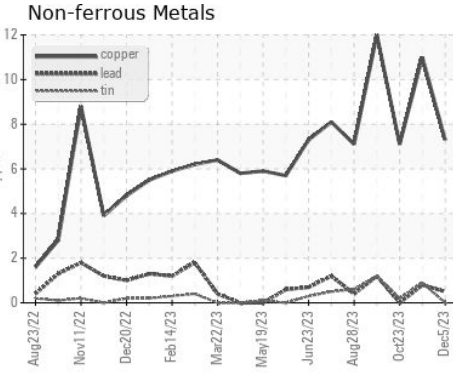
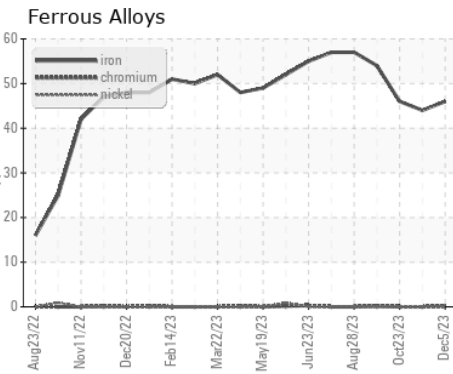
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 34	33.2	33.9	33.1

SAMPLE IMAGES

method	limit/base	current	history1	history2
Color		no image	no image	no image
Bottom		no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : GFL0101230
Lab Number : 06026928
Unique Number : 10776719
Test Package : FLEET
Received : 06 Dec 2023
Diagnosed : 08 Dec 2023
Diagnostician : Don Baldrige

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)

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