

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL



Machine Id **414059** Component **Transmission (Auto)** Fluid

TES 668 (--- LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

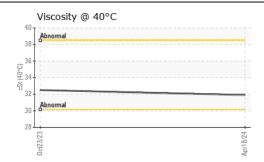
There is no indication of any contamination in the fluid.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0118723	GFL0091236	
Sample Date		Client Info		18 Apr 2024	23 Oct 2023	
Machine Age	hrs	Client Info		1983	891	
Oil Age	hrs	Client Info		400	891	
Filter Age	hrs	Client Info		400	891	
Oil Changed		Client Info		Not Changd	Not Changd	
Filter Changed		Client Info		Not Changd	Changed	
Sample Status				NORMAL	NORMAL	
			000		05	
Iron	ppm	ASTM D5185m	>220	52	35	
Chromium	ppm	ASTM D5185m	>2	0	0	
Nickel	ppm	ASTM D5185m	>5	0	<1	
Titanium	ppm	ASTM D5185m	-	0	0	
Silver	ppm	ASTM D5185m	>5	0	0	
Aluminum	ppm	ASTM D5185m	>75	20	9	
Lead	ppm	ASTM D5185m	>95	4	4	
Copper	ppm	ASTM D5185m	>60	26	15	
Tin	ppm	ASTM D5185m	>10	3	3	
Vanadium	ppm	ASTM D5185m		0	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	maa	ASTM D5185m	>25	3	4	
Silicon Potassium	ppm ppm	ASTM D5185m ASTM D5185m	>25 >20	3 2	4	
	ppm ppm			-		
Potassium		ASTM D5185m	>20	2	4	
Potassium Water	ppm	ASTM D5185m WC Method	>20 >0.1	2 NEG	4 NEG	
Potassium Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >0.1 NONE	2 NEG NONE	4 NEG NONE	
Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.1 NONE NONE	2 NEG NONE NONE	4 NEG NONE LIGHT	
Potassium Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE	2 NEG NONE NONE NONE	4 NEG NONE LIGHT NONE	
Potassium Water Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE	2 NEG NONE NONE NONE NORML	4 NEG NONE LIGHT NONE NORML	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG	4 NEG LIGHT NONE NORML NORML NEG	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 6	4 NEG NONE LIGHT NONE NORML NORML NEG	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 6 6	4 NEG NONE LIGHT NORML NORML NEG 5 52	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 6 6	4 NEG NONE LIGHT NORML NORML NEG 5 52 0	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 6 61 0 0	4 NEG NONE LIGHT NORML NORML NEG 5 52 52 0 0	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 6 6 61 0 0 2	4 NEG NONE LIGHT NORML NORML NEG 5 52 0 0 0 2	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 6 61 0 0 <1 0	4 NEG NONE LIGHT NORML NORML NEG 5 52 0 0 0 2 11	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 6 6 61 0 0 <1 0 0 <1 0 112	4 NEG NONE LIGHT NORML NORML NEG 5 52 0 0 2 0 2 11 123	
Potassium Water Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 6 6 61 0 0 <1 0 <1 0 112 237	4 NEG NONE LIGHT NORML NORML NEG 5 52 0 0 2 2 11 123 202	
Potassium Water Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 6 6 61 0 0 <1 0 (112 237 5	4 NEG NONE LIGHT NONE NORML NEG 5 52 0 0 2 11 123 202 0	
Potassium Water Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 6 6 61 0 0 <1 0 <1 0 112 237	4 NEG NONE LIGHT NORML NORML NEG 5 52 0 0 2 2 11 123 202	

Submitted By: DARRIN WRIGHT



: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received

Diagnosed

Tested

: 23 Apr 2024

: 24 Apr 2024



GFL Environmental - 166 - Phenix City 18 Old Brickyard Rd Phenix City, AL : 24 Apr 2024 - Wes Davis US 36869 Contact: DEAN PEACE JR dean.peace@gflenv.com T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Certificate L2367

Laboratory

Sample No.

Lab Number : 06158615

Unique Number : 10994038

Test Package : FLEET

: GFL0118723

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.

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