

WEAR ABNORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id 429123 - SW4923 Component Transmission (Auto)

ATF (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

The copper level is abnormal. All other component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the fluid.

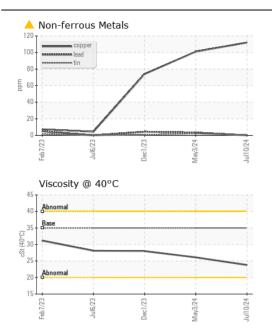
FLUID CONDITION

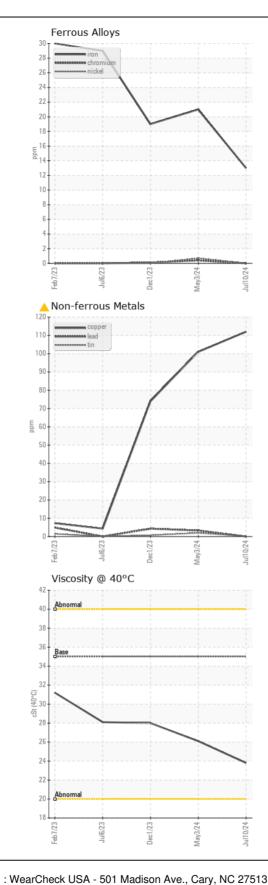
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0128752	GFL0112126	GFL0094055
Sample Date		Client Info		10 Jul 2024	03 May 2024	01 Dec 2023
Machine Age	mls	Client Info		289187	270516	251267
Oil Age	mls	Client Info		289187	270516	251267
Filter Age	mls	Client Info		289187	0	0
Oil Changed		Client Info		Changed	Changed	Not Changd
Filter Changed		Client Info		Changed	Changed	Not Changd
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>220	13	21	19
Chromium	ppm	ASTM D5185m	>2	0	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>75	3	6	6
Lead	ppm	ASTM D5185m	>95	0	3	4
Copper	ppm	ASTM D5185m	>60	A 112	1 01	 74
Tin	ppm	ASTM D5185m	>10	<1	2	<1
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal Silicon		*Visual ASTM D5185m	NONE	NONE 6	NONE 7	NONE
	scalar ppm ppm					
Silicon	ppm	ASTM D5185m	>25	6	7	7
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>25 >20	6 <1	7 3	7 1
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>25 >20 >0.1	6 <1 NEG	7 3 NEG	7 1 NEG
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>25 >20 >0.1 NONE	6 <1 NEG NONE	7 3 NEG NONE	7 1 NEG NONE
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>25 >20 >0.1 NONE NONE	6 <1 NEG NONE NONE	7 3 NEG NONE NONE	7 1 NEG NONE NONE
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>25 >20 >0.1 NONE NONE NONE	6 <1 NEG NONE NONE NONE	7 3 NEG NONE NONE NONE	7 1 NEG NONE NONE
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>25 >20 >0.1 NONE NONE NONE NORML	6 <1 NEG NONE NONE NONE NORML	7 3 NEG NONE NONE NONE NORML	7 1 NEG NONE NONE NONE NORML
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>25 >20 >0.1 NONE NONE NONE NORML	6 <1 NEG NONE NONE NONE NORML NORML	7 3 NEG NONE NONE NONE NORML NORML	7 1 NEG NONE NONE NONE NORML
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>25 >20 >0.1 NONE NONE NONE NORML	6 <1 NEG NONE NONE NORE NORML NEG	7 3 NEG NONE NONE NONE NORML NEG	7 1 NEG NONE NONE NORE NORML NORML NEG
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>25 >20 >0.1 NONE NONE NONE NORML	6 <1 NEG NONE NONE NORML NORML NEG	7 3 NEG NONE NONE NORML NORML NEG 5	7 1 NEG NONE NONE NORML NORML NEG
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>25 >20 >0.1 NONE NONE NONE NORML	6 <1 NEG NONE NONE NORML NORML NEG 7 45	7 3 NEG NONE NONE NORML NORML NEG 5 15	7 1 NEG NONE NONE NORML NORML NEG 6 41
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>25 >20 >0.1 NONE NONE NONE NORML	6 <1 NEG NONE NONE NORML NORML NEG 7 45 0	7 3 NEG NONE NONE NONE NORML NORML NEG 5 15 0	7 1 NEG NONE NONE NORML NORML NEG 6 41
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.1 NONE NONE NONE NORML	6 <1 NEG NONE NONE NORML NORML NEG 7 45 0 0	7 3 NEG NONE NONE NORML NORML NEG 5 15 0 1	7 1 NEG NONE NONE NORML NORML NEG 6 41 0
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.1 NONE NONE NONE NORML	6 <1 NEG NONE NONE NORML NORML NEG 7 45 0 0 0	7 3 NEG NONE NONE NORML NORML NEG 5 15 0 15 0	7 1 NEG NONE NONE NORML NORML NEG 6 41 0 0 0
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.1 NONE NONE NONE NORML	6 <1 NEG NONE NONE NORML NORML NEG 7 45 0 0 0 0 0 0	7 3 NEG NONE NONE NORML NORML NEG 5 15 0 1 1 4 3	7 1 NEG NONE NONE NORML NORML NEG 6 41 0 0 0 <1
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.1 NONE NONE NONE NORML	6 <1 NEG NONE NONE NORML NORML NEG 7 45 0 0 0 0 0 0 0 0 0 406	7 3 NEG NONE NONE NORML NORML NEG 5 15 0 15 0 1 1 <1 3 264	7 1 NEG NONE NONE NORML NORML NEG 6 41 0 0 <1 1 281
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.1 NONE NONE NONE NORML	6 <1 NEG NONE NONE NORML NORML NEG 7 45 0 0 0 0 0 0 0 0 0 406 439	7 3 NEG NONE NONE NORML NORML NEG 5 15 0 15 0 1 15 0 1 3 264 383	7 1 NEG NONE NONE NORML NORML NEG 6 41 0 0 <1 1 281 436

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Submitted By: TECHNICIAN ACCOUNT





GFL Environmental - 983 - Sugar Land Hauling 16011 West Belfort Street Sugar Land, TX : 17 Jul 2024 - Don Baldridge US 77498 Contact: Adrian Martinez adrianmartinez@gflenv.com T: F:



Unique Number : 11125490 Diagnosed Test Package : FLEET Certificate L2367 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)

Received

Tested

: 15 Jul 2024

: 16 Jul 2024

Laboratory

Sample No.

Lab Number : 06236656

: GFL0128752

Submitted By: TECHNICIAN ACCOUNT Page 2 of 2