

## WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

## Machine Id 930023 Component Transmission (Auto) Fluid NOT GIVEN (--- GAL)

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		GFL0117287	GFL0052611	
	Sample Date		Client Info		05 Jun 2024	÷	
	Machine Age	hrs	Client Info		7190	2328	
	Oil Age	hrs	Client Info		2510	1173	
	Filter Age	hrs	Client Info		2510	1173	
	Oil Changed		Client Info		Changed	Changed	
	Filter Changed		Client Info		Changed	Changed	
	Sample Status				NORMAL	NORMAL	
WEAR	Iron	ppm	ASTM D5185(m)	>160	128	65	
	Chromium	ppm	ASTM D5185(m)		<1	0	
All component wear rates are normal.	Nickel	ppm	ASTM D5185(m)		<1	<1	
	Titanium	ppm	ASTM D5185(m)		0	0	
	Silver	ppm	ASTM D5185(m)	>5	0	0	
	Aluminum	ppm	ASTM D5185(m)		33	11	
	Lead	ppm	ASTM D5185(m)	>50	6	6	
	Copper	ppm	ASTM D5185(m)		34	22	
	Tin	ppm	ASTM D5185(m)	>10	3	<1	
	Vanadium	ppm	ASTM D5185(m)		0	0	
	White Metal	scalar	Visual*	NONE	NONE	NONE	
	Yellow Metal	scalar	Visual*	NONE	NONE	NONE	
CONTAMINATION	Silicon	ppm	ASTM D5185(m)	>20	9	5	
There is no indication of any contamination in the fluid.	Potassium	ppm	ASTM D5185(m)	>20	3	3	
	Water		WC Method	>0.1	NEG	NEG	
	Silt	scalar	Visual*	NONE	NONE	NONE	
	Debris	scalar	Visual*	NONE	NONE	NONE	
	Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	
	Appearance	scalar	Visual*	NORML	NORML	NORML	
	Odor	scalar	Visual*	NORML	NORML	NORML	
	Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	
FLUID CONDITION	Sodium	ppm	ASTM D5185(m)		6	5	
	Boron	ppm	ASTM D5185(m)		68	77	
The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.	Barium	ppm	ASTM D5185(m)		<1	<1	
	Molybdenum	ppm	ASTM D5185(m)		<1	2	
	Manganese	ppm	ASTM D5185(m)		2	2	
	Magnesium	ppm	ASTM D5185(m)		2	2	
	Calcium	ppm	ASTM D5185(m)		98	78	
	Phosphorus	ppm	ASTM D5185(m)		215	210	
	Zinc	ppm	ASTM D5185(m)		10	8	
	Sulfur	ppm	ASTM D5185(m)		958	730	
		1.1					

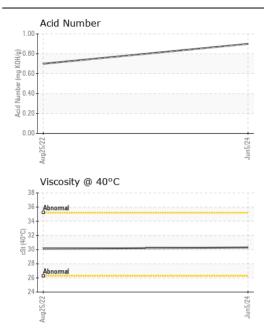
Acid Number (AN) mg KOH/g ASTM D974\*

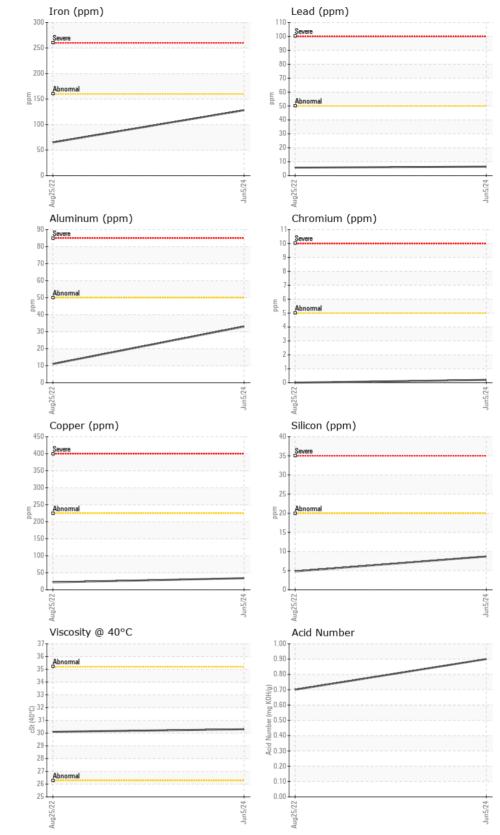
Visc @ 40°C cSt ASTM D7279(m)

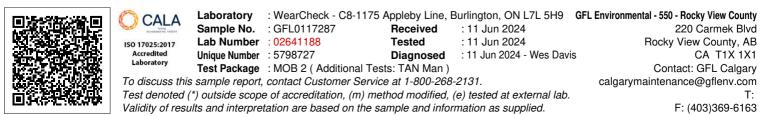
30.3 30.1 ---Submitted By: GFL Calgary

0.70

0.90







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