

Machine Id **1534** Component **Transmission (Auto)** Fluid **{not provided} (--- GAL)**

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is Mineral ATF. Please confirm the fluid type and grade, and specify the brand of the fluid on your next sample. Please specify the component make and model with your next sample.

WEAR

All component wear rates are normal.

CONTAMINATION

The water content is negligible. There is no indication of any contamination in the fluid.

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Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0083706		
Sample Date		Client Info		21 Jan 2024		
Machine Age	hrs	Client Info		29084		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
Iron	ppm	ASTM D5185(m)	>160	19		
Chromium	ppm	ASTM D5185(m)	>5	0		
Nickel	ppm	ASTM D5185(m)	>5	<1		
Titanium	ppm	ASTM D5185(m)	-	0		
Silver	ppm	ASTM D5185(m)	>5	0		
Aluminum	ppm	ASTM D5185(m)	>50	7		
Lead	ppm	ASTM D5185(m)	>50	6		
Copper	ppm	ASTM D5185(m)	>225	16		
Tin	ppm	ASTM D5185(m)	>10	<1		
Vanadium	ppm	ASTM D5185(m)	NONE	0		
White Metal	scalar	Visual*	NONE	NONE		
 Yellow Metal	scalar	Visual*	NONE	NONE		
Silicon	ppm	ASTM D5185(m)	>20	9		
Potassium	ppm	ASTM D5185(m)	>20	2		
Water	%	ASTM D6304*	>0.1	0.025		
ppm Water	ppm	ASTM D6304*	>1000	255		
Glycol	%	ASTM D7922*		0.0		
Silt	scalar	Visual*	NONE	VLITE		
Debris	scalar	Visual*	NONE	NONE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORML	NORML		
Odor	scalar	Visual*	NORML	NORML		
Emulsified Water	scalar	Visual*	>0.1	.2%		
Sodium	ppm	ASTM D5185(m)		1		
Boron	ppm	ASTM D5185(m)		56		
Barium	ppm	ASTM D5185(m)		<1		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)		2		
Calcium	ppm	ASTM D5185(m)		100		
Phosphorus	ppm	ASTM D5185(m)		223		
Zinc	ppm	ASTM D5185(m)		25		
Sulfur	ppm	ASTM D5185(m)		1214		
Visc @ 40°C	cSt	ASTM D7279(m)		33.7		
Visc @ 100°C	cSt	ASTM D7279(m)		6.7		
Viscosity Index (VI)	Scale	ASTM D2270*		160		

FLUID CONDITION

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

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WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

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