

WEAR	
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

# CFR#41916 5410009396-04H11

## Component

# Transmission (Auto)

MOBIL DELVAC SYNTHETIC ATF (--- GAL)

#### RECOMMENDATION

Resample at the next service interval to monitor.

#### WEAR

All component wear rates are normal.

#### CONTAMINATION

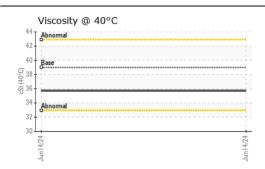
There is no indication of any contamination in the fluid.

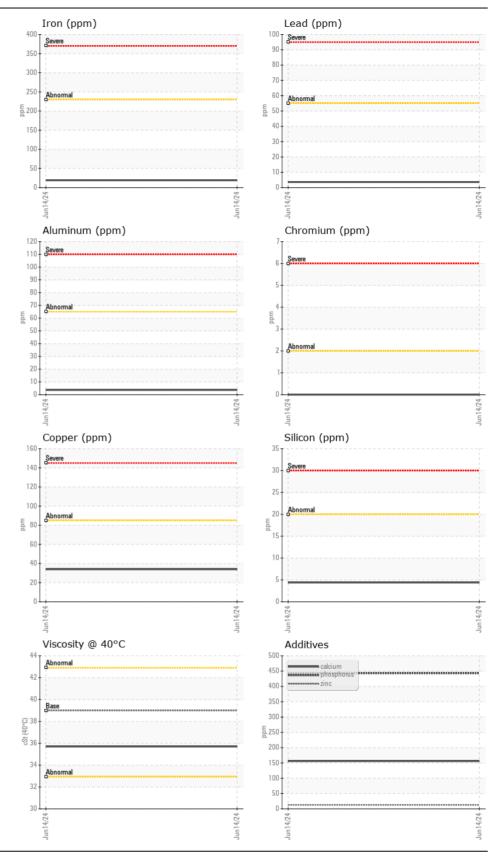
### FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC877039		
Sample Date		Client Info		14 Jun 2024		
Machine Age	hrs	Client Info		3924		
Oil Age	hrs	Client Info		1947		
Filter Age	hrs	Client Info		1947		
Oil Changed		Client Info		N/A		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
			000	10		
Iron	ppm	ASTM D5185(m)	>230	19		
Chromium	ppm	ASTM D5185(m)	>2	0		
Nickel	ppm	ASTM D5185(m)	>5	<1		
Titanium	ppm	ASTM D5185(m)	>2	0		
Silver	ppm	ASTM D5185(m)	>5	<1		
Aluminum	ppm	ASTM D5185(m)	>65	4		
Lead	ppm	ASTM D5185(m)	>55	4		
Copper	ppm	ASTM D5185(m)	>85	34		
Tin	ppm	ASTM D5185(m)	>5	<1		
Vanadium	ppm	ASTM D5185(m)	NONE			
White Metal	scalar scalar	Visual* Visual*	NONE	NONE NONE		
Yellow Metal	scalar					
		•••••••	INOINE			
Silicon	ppm	ASTM D5185(m)	>20	4		
Silicon	ppm	ASTM D5185(m)	>20	4		
Silicon Potassium	ppm	ASTM D5185(m) ASTM D5185(m)	>20 >20	4 <1	 	
Silicon Potassium Water	ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method	>20 >20 >20 >0.1	4 <1 NEG		
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual*	>20 >20 >0.1 NONE	4 <1 NEG NONE		  
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual*	>20 >20 >0.1 NONE NONE	4 <1 NEG NONE NONE		   
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual*	>20 >20 >0.1 NONE NONE	4 <1 NEG NONE NONE NONE		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual*	>20 >20 >0.1 NONE NONE NONE NORML	4 <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 D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual*	>20 >20 >0.1 NONE NONE NONE NORML	4 <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 D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* Visual*	>20 >20 >0.1 NONE NONE NONE NORML	4 <1 NEG NONE NONE NORML NORML NEG 4		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gpm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m)	>20 >20 >0.1 NONE NONE NONE NORML	4 <1 NEG NONE NONE NORML NORML NEG 4 193		
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 D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m)	>20 >20 >0.1 NONE NONE NONE NORML	4 <1 NEG NONE NONE NORML NORML NEG 4 193 2		
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 D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>20 >20 >0.1 NONE NONE NONE NORML	4 <1 NEG NONE NONE NORML NORML NEG 4 193 2 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	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>20 >20 >0.1 NONE NONE NONE NORML	4 <1 NEG NONE NONE NORML NORML NEG 4 193 2 0 <1		
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 D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>20 >20 >0.1 NONE NONE NONE NORML	4 <1 NEG NONE NONE NORML NORML NEG 4 193 2 0 <1 <1		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>20 >20 >0.1 NONE NONE NONE NORML	4 <1 NEG NONE NONE NORML NORML NEG 4 193 2 0 <1 <1 <1 156		
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 ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>20 >20 >0.1 NONE NONE NONE NORML	4 <1 NEG NONE NONE NORML NORML NEG 4 193 2 0 <1 <1 <1 156 443		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>20 >20 >0.1 NONE NONE NONE NORML	4 <1 NEG NONE NONE NORML NORML NEG 4 193 2 0 <1 <1 <1 156 443 13		
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 ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>20 >20 >0.1 NONE NONE NONE NORML	4 <1 NEG NONE NONE NORML NORML NEG 4 193 2 0 <1 <1 <1 156 443		

Contact/Location: Philippe Charron - DEPOTT





DEPARTMENT OF NATIONAL DEFENSE Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CALA Sample No. Received : 21 Jun 2024 MGEN.GEORGE R.PEARKES BUILDING : WC877039 Lab Number : 02643436 Tested OTTAWA, ON : 21 Jun 2024 ISO 17025:2017 Accredited Laboratory Diagnosed Unique Number : 5800975 : 21 Jun 2024 - Kevin Marson CA K1A 0K2 Test Package : MOB 1 Contact: Philippe Charron To discuss this sample report, contact Customer Service at 1-800-268-2131. philippe.charron@forces.gc.ca Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (514)252-2777 Validity of results and interpretation are based on the sample and information as supplied. F: (819)997-9989

Contact/Location: Philippe Charron - DEPOTT Page 2 of 2