

#### Machine Id MANVEL E-122

#### Component Transmission (Auto)

{not provided} (--- QTS)

## 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.

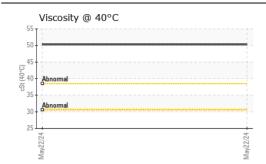
-----

# 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		WC0941936		
Sample Date		Client Info		22 May 2024		
Machine Age	mls	Client Info		0		
Oil Age	mls	Client Info		0		
Filter Age	mls	Client Info		0		
Oil Changed		Client Info		N/A		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
Iron		ASTM D5185m	>160	5		
Chromium	ppm	ASTM D5185m	>5	5 <1		
Nickel	ppm	ASTM D5185m	>5	<1 0		
Titanium	ppm		>0	0 <1		
Silver	ppm	ASTM D5185m ASTM D5185m	>5	<1 <1		
	ppm	ASTM D5185m				
Aluminum	ppm		>50	1 13		
Lead	ppm	ASTM D5185m	>50 >225			
Copper Tin	ppm	ASTM D5185m	>225	10 <1		
Vanadium	ppm	ASTM D5185m	>10	<1		
White Metal	ppm scalar	*Visual	NONE	<1 NONE		
Yellow Metal		*Visual	NONE	NONE		
	scalar	visuai	NONE			
Silicon	ppm	ASTM D5185m	>20	4		
Potassium	ppm	ASTM D5185m	>20	4		
Water						
Waler		WC Method	>0.1	NEG		
Silt	scalar	WC Method *Visual	>0.1 NONE	NEG NONE		
	scalar scalar				 	
Silt		*Visual	NONE	NONE		
Silt Debris	scalar	*Visual *Visual	NONE NONE	NONE		
Silt Debris Sand/Dirt	scalar scalar	*Visual *Visual *Visual	NONE NONE NONE	NONE NONE NONE		
Silt Debris Sand/Dirt Appearance	scalar scalar scalar	*Visual *Visual *Visual *Visual	NONE NONE NORML	NONE NONE NONE NORML		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar	*Visual *Visual *Visual *Visual *Visual	NONE NONE NORML NORML	NONE NONE NORE NORML NORML NEG	 	  
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	scalar scalar scalar scalar scalar ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NONE NORML NORML	NONE NONE NORML NORML NEG 5	   	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	NONE NONE NORML NORML	NONE NONE NORML NORML NEG 5 92		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	NONE NONE NORML NORML	NONE NONE NORML NORML NEG 5 92 0		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML	NONE NONE NORML NORML NEG 5 92 0 <1		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML	NONE NONE NORML NORML NEG 5 92 0 <1 0		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	scalar scalar scalar scalar ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML	NONE NONE NORML NORML NEG 5 92 0 <1 0 <1 0 5		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML	NONE NONE NORML NORML NEG 5 92 0 <1 0 <1 0 5 199		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML	NONE NONE NORML NORML NEG 5 92 0 <1 0 5 199 256		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Malybdenum Manganese Magnesium Calcium Phosphorus	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML	NONE NONE NORML NORML NEG 5 92 0 <1 0 <1 0 5 199 256 12		
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML	NONE NONE NORML NORML NEG 5 92 0 <1 0 5 199 256		

Contact/Location: DD LOUHY - SIDFRI



Ferrous Alloys 10 n chr nicke 8 6 bpm 0 Mav22/24 Non-ferrous Metals 13 12 lead 10 8 bpm Ę 0 Mav22/24 Aay22/24 Viscosity @ 40°C 52 50 48 46 44 42 cSt (40°C) Abr 38 36 34 32 Ab 30 28 May22/24 Mav22/24



d	Laboratory	: WearCheck USA - 501	Madison Ave.,	Cary, NC 27513	SIDDONS-MARTIN EMERGENCY GROUP			
ANAB	Sample No.	: WC0941936	Received	: 22 May 2024	4401 REX RD			
ACCREDITED	Lab Number	: 06188129	Tested	: 24 May 2024	FRIENDSWOOD, TX			
TESTING LABORATORY	Unique Number	: 11044881	Diagnosed	: 24 May 2024 - Sean Felto	on US 77546			
Certificate L2367	Test Package	: CONST	-		Contact: DD LOUHY			
To discuss this	DDLOUHY@SIDDONS-MARTIN.COM							
* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T:								
Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:								

Report Id: SIDFRI [WUSCAR] 06188129 (Generated: 05/24/2024 13:52:21) Rev: 1

Contact/Location: DD LOUHY - SIDFRI Page 2 of 2