

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

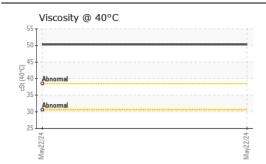
There is no indication of any contamination in the fluid.

FLUID CONDITION

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

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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