

Machine Id MANVEL E-124 Component Transmission (Auto)

Transmission Oil (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

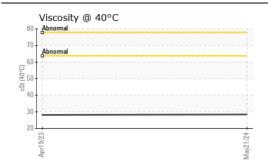
There is no indication of any contamination in the fluid.

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		WC0941931	WC0792337	
Sample Date		Client Info		21 May 2024	19 Apr 2023	
Machine Age	mls	Client Info		0	0	
Oil Age	mls	Client Info		0	0	
Filter Age	mls	Client Info		0	0	
Oil Changed		Client Info		N/A	N/A	
Filter Changed		Client Info		N/A	N/A	
Sample Status				NORMAL	NORMAL	
			100		04	
Iron	ppm	ASTM D5185m	>160	38	31	
Chromium	ppm	ASTM D5185m	>5	<1 2	0	
Nickel	ppm	ASTM D5185m	>5	_	0	
Titanium Silver	ppm	ASTM D5185m ASTM D5185m	>5	<1	0	
	ppm			<1		
Aluminum	ppm	ASTM D5185m	>50	5	4	
Lead	ppm	ASTM D5185m	>50	2	1	
Copper	ppm	ASTM D5185m	>225	89	98	
Tin Vanadium	ppm	ASTM D5185m	>10	<1 0	0	
White Metal	ppm	ASTM D5185m		U NONE		
	scalar	*Visual	NONE		NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>20	8	3	
Potassium	ppm	ASTM D5185m	>20	4	<1	
	ppin	ASTIVI DJIOJIII		•		
Water	ppiii	WC Method	>0.1	NEG	NEG	
Water Silt	scalar			-		
		WC Method	>0.1	NEG	NEG	
Silt	scalar	WC Method *Visual	>0.1 NONE	NEG NONE	NEG NONE	
Silt Debris	scalar scalar	WC Method *Visual *Visual	>0.1 NONE NONE	NEG NONE NONE	NEG NONE NONE	
Silt Debris Sand/Dirt	scalar scalar scalar	WC Method *Visual *Visual *Visual	>0.1 NONE NONE NONE	NEG NONE NONE NONE	NEG NONE NONE NONE	
Silt Debris Sand/Dirt Appearance	scalar scalar scalar scalar	WC Method *Visual *Visual *Visual *Visual	>0.1 NONE NONE NONE NORML	NEG NONE NONE NONE NORML	NEG NONE NONE NORML	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar scalar	WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>0.1 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG	NEG NONE NONE NORML NORML NEG	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	scalar scalar scalar scalar scalar scalar scalar	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>0.1 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG	NEG NONE NONE NORML NORML NEG	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar scalar ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>0.1 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG 4 25	NEG NONE NONE NORML NORML NEG 5 31	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar scalar ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>0.1 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG 4 25 0	NEG NONE NONE NORML NORML NEG 5 31 0	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar scalar scalar scalar ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>0.1 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG 4 25 0 <1	NEG NONE NONE NORML NORML NEG 5 31 0 <1	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar scalar ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>0.1 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG 4 25 0 <1 1	NEG NONE NONE NORML NORML NEG 5 31 0 <1 <1	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>0.1 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG 4 25 0 <1 1 1 3	NEG NONE NONE NORML NORML NEG 5 31 0 <1 <1 <1	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>0.1 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG 4 25 0 <1 1 3 268	NEG NONE NONE NORML NORML NEG 5 31 0 <1 <1 <1 292	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>0.1 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG 4 25 0 <1 1 3 268 165	NEG NONE NONE NORML NORML NEG 5 31 0 <1 <1 <1 <1 292 187	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Malybdenum Manganese Magnesium Calcium Phosphorus	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>0.1 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG 4 25 0 <1 1 3 268 165 9	NEG NONE NONE NORML NORML S 31 0 <1 <1 <1 <1 292 187 0	
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>0.1 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG 4 25 0 <1 1 3 268 165	NEG NONE NONE NORML NORML NEG 5 31 0 <1 <1 <1 <1 292 187	

Contact/Location: M. LEWIS - SIDFRI



Ferrous Alloys 40 30 30 25 ظ 20 15 10 Ę 0 lor. Non-ferrous Metals 100 9 lead 80 71 6 mdo 50 40 30 20 10 ſ Vor19/7 Viscosity @ 40°C 80 Al 7! 70 65 60 () 55 0f 향 50 45 40 35 30 25 Apr19/23 May21/24



: WearCheck USA - 501 Madison Ave., Cary, NC 27513 SIDDONS-MARTIN EMERGENCY GROUP Laboratory Sample No. : WC0941931 Received : 22 May 2024 4401 REX RD FRIENDSWOOD, TX Lab Number : 06188127 Tested : 24 May 2024 Unique Number : 11044879 Diagnosed : 24 May 2024 - Sean Felton US 77546 Test Package : CONST Contact: M. LEWIS Certificate L2367 mlewis@siddons-martin.com To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Т: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Contact/Location: M. LEWIS - SIDFRI Page 2 of 2