

JOHN DEERE 524 P 1DW524PAPRLX21751 Component Transmission (Manual)

TDH FLUID SAE 75W80 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDH FLUID SAE 75W80. Please confirm.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the fluid.

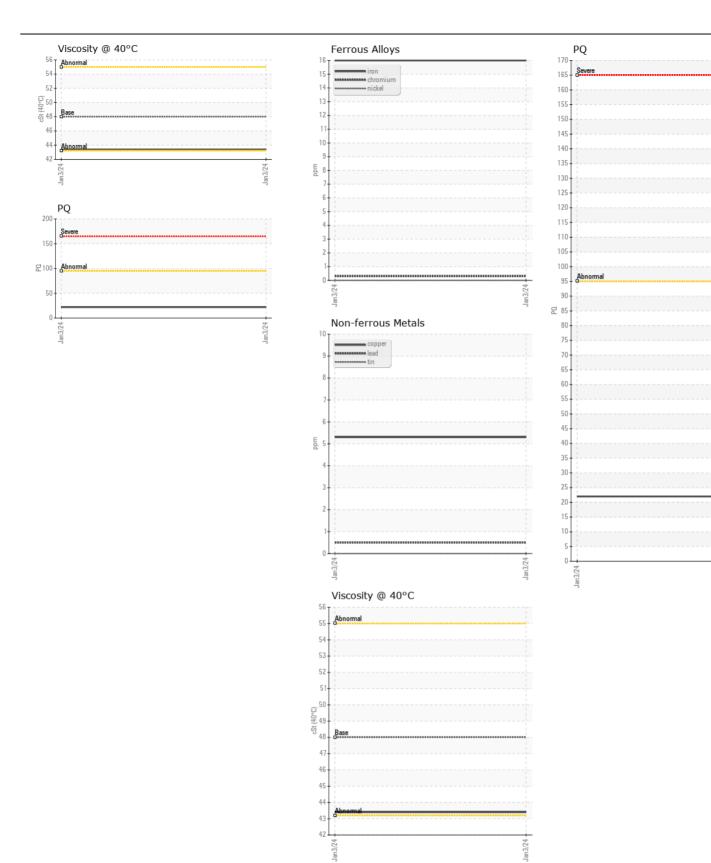
FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0213668		
Sample Date		Client Info		03 Jan 2024		
Machine Age	hrs	Client Info		1484		
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		
PQ		ASTM D8184	>95	22		
Iron	ppm	ASTM D5185m	>200	16		
Chromium	ppm	ASTM D5185m	>5	<1		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m	_	<1		
Silver	ppm	ASTM D5185m	>7	0		
Aluminum	ppm	ASTM D5185m	>25	3		
Lead	ppm	ASTM D5185m	>45	<1		
Copper	ppm	ASTM D5185m	>225	5		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon						
Silicon	ppm	ASTM D5185m	>125	49		
Potassium	ppm ppm	ASTM D5185m ASTM D5185m	>125 >20	49 4		
Potassium Water	ppm	ASTM D5185m ASTM D5185m WC Method	>125 >20 >0.1	49 4 NEG		
Potassium Water Silt	ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>125 >20 >0.1 NONE	49 4 NEG NONE		
Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>125 >20 >0.1 NONE NONE	49 4 NEG NONE NONE	 	
Potassium Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>125 >20 >0.1 NONE NONE NONE	49 4 NEG NONE NONE NONE	 	
Potassium Water Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>125 >20 >0.1 NONE NONE NONE NORML	49 4 NEG NONE NONE NONE NORML	 	
Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>125 >20 >0.1 NONE NONE NONE NORML NORML	49 4 NEG NONE NONE NONE NORML NORML	 	
Potassium Water Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>125 >20 >0.1 NONE NONE NONE NORML	49 4 NEG NONE NONE NONE NORML	 	
Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>125 >20 >0.1 NONE NONE NONE NORML NORML	49 4 NEG NONE NONE NONE NORML NORML	 	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>125 >20 >0.1 NONE NONE NONE NORML NORML	49 4 NEG NONE NONE NORE NORML NEG		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>125 >20 >0.1 NONE NONE NORML NORML >0.1	49 4 NEG NONE NONE NORML NORML NEG 26		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>125 >20 >0.1 NONE NONE NORML >0.1	49 4 NEG NONE NONE NORML NORML NEG 26 1		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NONE NORML NORML >0.1	49 4 NEG NONE NONE NORML NORML NEG 26 1 <1		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NONE NORML NORML >0.1	49 4 NEG NONE NONE NORML NORML NEG 26 1 <1 <1 2		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NONE NORML >0.1 10 10	49 4 NEG NONE NONE NORML NORML NEG 26 1 <1 2 (1 2 (1		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NONE NORML >0.1 10 10 10	49 4 NEG NONE NONE NORML NORML NEG 26 1 <1 2 (1 2 <1 2 (1) 106		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NONE NORML NORML >0.1 10 10 10 3500	49 4 NEG NONE NONE NORML NORML NEG 26 1 <1 2 <1 2 <1 106 3938		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NONE NORML NORML >0.1 10 10 10 10 10 3500 1150	49 4 NEG NONE NONE NORML NORML 26 1 26 1 <1 2 <1 2 <1 106 3938 1257		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>125 >20 >0.1 NONE NONE NORML >0.1 10 10 10 100 3500 1150	49 4 NEG NONE NONE NORML NORML NEG 26 1 <1 2 <1 2 <1 106 3938 1257 1489		

Report Id: JAMGRE [WUSCAR] 06221451 (Generated: 06/30/2024 17:18:40) Rev: 1

Contact/Location: NICK GALLAHER - JAMGRE



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 **JRE - GREENSBORO** Sample No. : JR0213668 Received : 26 Jun 2024 411 SOUTH REGIONAL ROAD Lab Number : 06221451 Tested : 27 Jun 2024 GREENSBORO, NC Unique Number : 11099648 Diagnosed : 27 Jun 2024 - Wes Davis US 27409 Test Package : CONST (Additional Tests: PQ) Contact: NICK GALLAHER Certificate L2367 NGALLAHER@JRENET.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. T: (336)668-2762 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (336)665-9556

Contact/Location: NICK GALLAHER - JAMGRE Page 2 of 2

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