

Machine Id FREIGHTLINER 122SD RTK6770 Component Transmission (Auto) Fluid DEXRON III (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

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WEAR

All component wear rates are normal.

CONTAMINATION

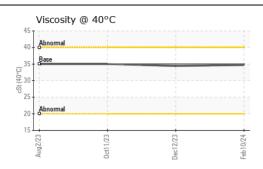
There is no indication of any contamination in the fluid.

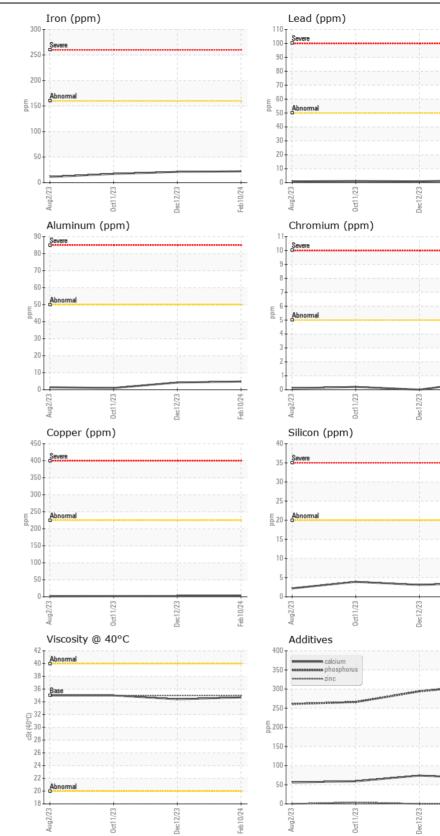
FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ARI06085114	ARI06033891	ARI05977482
Sample Date		Client Info		10 Feb 2024	12 Dec 2023	11 Oct 2023
Machine Age	mls	Client Info		9664	8563	6659
Oil Age	mls	Client Info		0	0	0
Filter Age	mls	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
			4.00		04	47
Iron	ppm	ASTM D5185m		22	21	17
Chromium	ppm	ASTM D5185m	>5	<1	0	<1
Nickel	ppm	ASTM D5185m	>5	<1	0	<1
Titanium	ppm	ASTM D5185m	. 5	<1	0	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	5	4	1
Lead	ppm	ASTM D5185m	>50	2	<1	1
Copper	ppm	ASTM D5185m	>225	3	2	2
Tin	ppm	ASTM D5185m	>10	2	<1	<1
Vanadium	ppm	ASTM D5185m	NONE	0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	4	3	4
Potassium	ppm	ASTM D5185m	>20	4	5	3
Potassium Water	ppm	ASTM D5185m WC Method	>20 >0.1	4 NEG	5 NEG	3 NEG
	ppm scalar			-		-
Water		WC Method	>0.1	NEG	NEG	NEG
Water Silt	scalar	WC Method *Visual	>0.1 NONE	NEG NONE	NEG NONE	NEG
Water Silt Debris	scalar scalar	WC Method *Visual *Visual	>0.1 NONE NONE	NEG NONE NONE	NEG NONE NONE	NEG NONE NONE
Water 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	NONE NONE NONE
Water 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	NEG NONE NONE NONE NORML
Water 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	NEG NONE NONE NORML NORML NEG
Water Silt Debris Sand/Dirt Appearance Odor	scalar scalar scalar scalar scalar scalar scalar	WC Method *Visual *Visual *Visual *Visual	>0.1 NONE NONE NORML NORML	NEG NONE NONE NONE NORML	NEG NONE NONE NORML NORML	NEG NONE NONE NORML NORML
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	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 0 135	NEG NONE NONE NORML NORML NEG	NEG NONE NONE NORML NORML NEG 3
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar scalar ppm ppm	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 <1 149	NEG NONE NONE NORML NORML NEG 3 140
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar scalar ppm 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 0 135 0	NEG NONE NONE NORML NORML NEG <1 149 0	NEG NONE NONE NORML NORML NEG 3 140 2
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar scalar scalar scalar ppm 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 0 135 0 135 0	NEG NONE NONE NORML NORML NEG <1 149 0 <1	NEG NONE NONE NORML NORML NEG 3 140 2 <1
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese	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	>0.1 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG 0 135 0 135	NEG NONE NONE NORML NORML NEG <1 149 0 <1 149	NEG NONE NONE NORML NORML NORML NEG 3 140 2 <1
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum 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	>0.1 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG 0 135 0 135 0 1 135	NEG NONE NONE NORML NORML NEG <1 149 0 <1 149 0 <1 149	NEG NONE NONE NORML NORML NEG 3 140 2 <1 1 <1
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	scalar scalar scalar scalar scalar ppm 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 0 135 0 135 0 135 0 135 0 135	NEG NONE NONE NORML NORML NEG <1 149 0 <1 <1 <1 <1 <1 <1 74	NEG NONE NONE NORML NORML NEG 3 140 2 <1 1 <1 59
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium Calcium Phosphorus Zinc	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 0 135 0 135 0 135 0 135 0 135 0 135 0 135 0 135 0 135 0 135 0 135 0 135 0 135 0 135 0 135 0 135 0 135 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 135 0 0 100 100 100 100 100 100 100 100 10	NEG NONE NONE NORML NORML NEG <1 149 0 <1 149 0 <1 <1 <1 <1 <1 <1 <1 <1 <1 294 0	NEG NONE NONE NORML NORML NEG 3 140 2 <11 1 <19 29 21 1 <20 <1 4
Water 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 0 135 110 110 110 110 1100 110	NEG NONE NONE NORML NORML NEG <1 149 0 <1 <1 <1 <1 <1 <1 74 294	NEG NONE NONE NONE NORML NORML NORML 140 2 <11 1 <1 59 266

Contact/Location: JOHN SLOAN - AR5202CHE







: ARI06085114 17988 EDISON AVE. Sample No. Received : 09 Feb 2024 Lab Number : 06085114 : 11 Feb 2024 CHESTERFIELD, MO Tested Unique Number : 10872559 : 11 Feb 2024 - Wes Davis US 63005 Diagnosed Test Package : MOB 1 Contact: JOHN SLOAN Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. ARICHTER@INSITUFORM.COM * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (314)280-7555 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Laboratory

Contact/Location: JOHN SLOAN - AR5202CHE

INSITUFORM TECHNOLOGIES, INC

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