

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

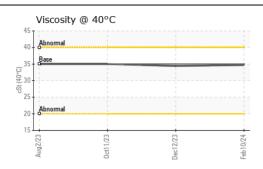
There is no indication of any contamination in the fluid.

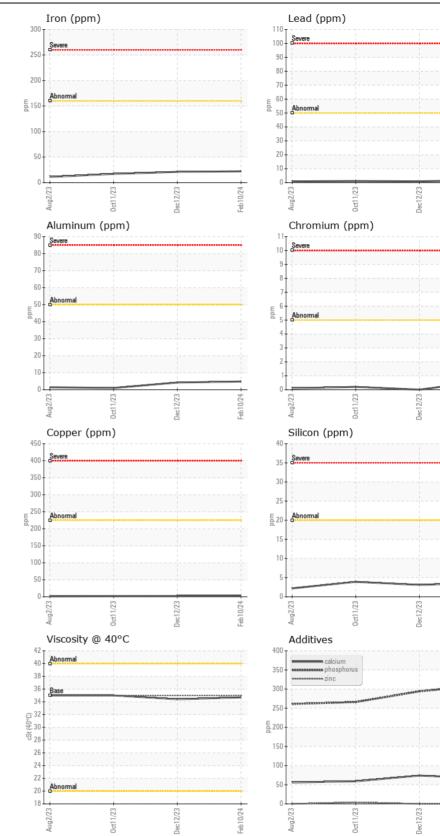
FLUID CONDITION

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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