

Machine Id VOLVO L90H 623935 Component Transmission (Auto) Fluid DEXRON III (--- 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) DEXRON III. Please confirm.

WEAR

All component wear rates are normal.

CONTAMINATION

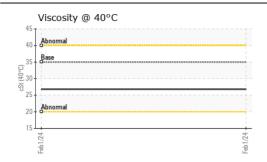
There is no indication of any contamination in the fluid.

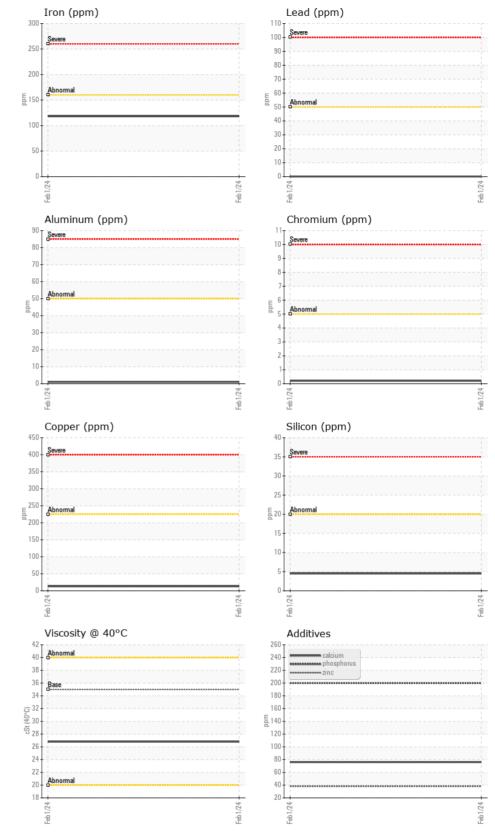
FLUID CONDITION

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

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---|---|---|---|---|--------------|------------------|
| Sample Number | | Client Info | | VCP432189 | | |
| Sample Date | | Client Info | | 01 Feb 2024 | | |
| Machine Age | hrs | Client Info | | 1 | | |
| 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 | | |
| | | | 4.00 | 440 | | |
| Iron | ppm | ASTM D5185m | >160 | 118 | | |
| Chromium | ppm | ASTM D5185m | >5 | <1 | | |
| Nickel | ppm | ASTM D5185m | >5 | 0 | | |
| Titanium | ppm | ASTM D5185m | - | 0 | | |
| Silver | ppm | ASTM D5185m | >5 | 0 | | |
| Aluminum | ppm | ASTM D5185m | >50 | 1 | | |
| Lead | ppm | ASTM D5185m | >50 | 0 | | |
| Copper | ppm | ASTM D5185m | >225 | 13 | | |
| Tin | ppm | ASTM D5185m | >10 | <1 | | |
| Vanadium | ppm | ASTM D5185m | | 0 | | |
| White Metal | scalar | *Visual | NONE | NONE | | |
| Yellow Metal | scalar | *Visual | NONE | NONE | | |
| | | | | | | |
| Silicon | mqq | ASTM D5185m | >20 | 4 | | |
| Silicon Potassium | ppm ppm | ASTM D5185m ASTM D5185m | >20 >20 | 4 <1 | | |
| | ppm ppm | | | - | | |
| Potassium | | ASTM D5185m | >20 | <1 | | |
| Potassium Water | ppm | ASTM D5185m WC Method | >20 >0.1 | <1 NEG | | |
| Potassium Water Silt | ppm scalar | ASTM D5185m WC Method *Visual | >20 >0.1 NONE | <1 NEG NONE | | |
| Potassium Water Silt Debris Sand/Dirt | ppm scalar scalar | ASTM D5185m WC Method *Visual *Visual | >20 >0.1 NONE NONE | <1 NEG NONE NONE | | |
| Potassium Water Silt Debris | ppm scalar scalar scalar | ASTM D5185m WC Method *Visual *Visual *Visual | >20 >0.1 NONE NONE NONE | <1 NEG NONE NONE NONE | | |
| Potassium Water Silt Debris Sand/Dirt Appearance | ppm scalar scalar scalar scalar | ASTM D5185m WC Method *Visual *Visual *Visual *Visual | >20 >0.1 NONE NONE NONE | <1 NEG NONE NONE NONE NORML | | |
| Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water | ppm scalar scalar scalar scalar scalar scalar | ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual | >20 >0.1 NONE NONE NORML NORML | <1 NEG NONE NONE NORE NORML NORML NEG | | |
| Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium | ppm scalar scalar scalar scalar scalar scalar | ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m | >20 >0.1 NONE NONE NORML NORML | <1 NEG NONE NONE NORML NORML NEG | | |
| Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron | ppm scalar scalar scalar scalar scalar scalar ppm | ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m | >20 >0.1 NONE NONE NORML NORML | <1 NEG NONE NONE NORML NORML NEG 5 55 | | |
| Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium | ppm scalar scalar scalar scalar scalar scalar ppm ppm | ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m | >20 >0.1 NONE NONE NORML NORML | <1 NEG NONE NONE NORML NORML NEG 5 55 1 | | |
| Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum | ppm scalar scalar scalar scalar scalar ppm ppm ppm | ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m | >20 >0.1 NONE NONE NORML NORML | <1 NEG NONE NONE NORML NORML NEG 5 55 1 0 | | |
| Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese | ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm | ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | >20 >0.1 NONE NONE NORML NORML | <1 NEG NONE NONE NORML NORML NEG 5 55 1 0 9 | | |
| Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium | ppm scalar scalar scalar scalar scalar ppm ppm ppm | ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | >20 >0.1 NONE NONE NORML NORML | <1 NEG NONE NONE NORML NORML NEG 5 55 1 0 9 2 | | |
| Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium Calcium | ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm | ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | >20 >0.1 NONE NONE NORML NORML | <1 NEG NONE NORML NORML NORML S 5 1 0 9 2 76 | | |
| Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum Manganese Magnesium Calcium | ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm | ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | >20 >0.1 NONE NONE NORML NORML | <1 NONE NONE NORML NORML NORML S 5 55 1 0 9 2 76 200 | | |
| 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 | ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | >20 >0.1 NONE NONE NORML NORML | <1 NEG NONE NONE NORML NORML NORML NORML 0 5 55 1 0 2 76 200 38 | | |
| Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum Manganese Magnesium Calcium | ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm | ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | >20 >0.1 NONE NONE NORML NORML | <1 NONE NONE NORML NORML NORML S 5 55 1 0 9 2 76 200 | | |

Contact/Location: ROBERT TURNER - RIPTAM







RIPA AND ASSOCIATES Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Received 10149 FISHER AVENUE : VCP432189 :08 Feb 2024 Lab Number : 06084010 :09 Feb 2024 TAMPA, FL Tested Unique Number : 10871455 : 09 Feb 2024 - Wes Davis US 33619 Diagnosed Test Package : MOB 1 Contact: ROBERT TURNER Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. rturner@ripatampa.com T: * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

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Contact/Location: ROBERT TURNER - RIPTAM