

[534195] Machine Id TERRAMAC RT14R 14RH00105

Front Left Final Drive

VOLVO PREMIUM GEAR OIL 80W-90 GL-5 (--- GAL)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

WEAR

Gear wear is indicated. Bearing and/or bushing wear is indicated. Generally an abnormal to severe rate of wear throughout the component.

CONTAMINATION

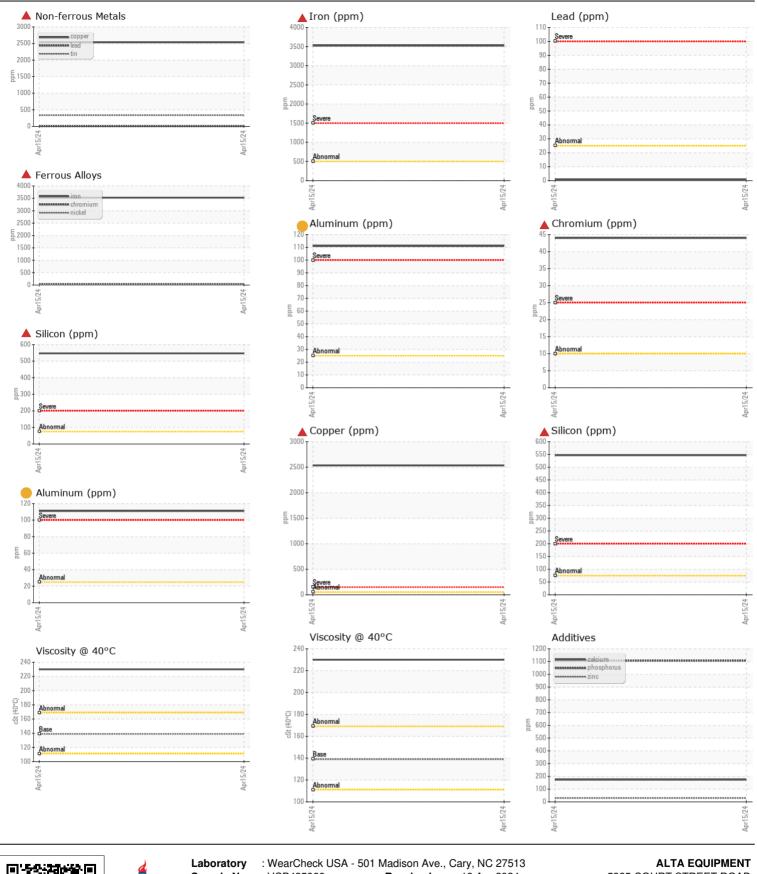
Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress.

FLUID CONDITION

The oil is no longer serviceable due to the presence of contaminants.

TestUOMMethodLimit/ACurrentHistory1History1History2Sample NumberClient Info15 Apr 2024Machine AgehrsClient Info2616Filter AgehrsClient Info0Filter AgehrsClient Info0Filter AgehrsClient InfoN/AFilter ChangedClient InfoN/AFilter ChangedClient InfoN/ASample StatusStoryASTA D5185-500A 3526ChromiumppmASTM D5185>1012NickelppmASTM D5185>1012SilverppmASTM D5185>20-111AluminumppmASTM D5185>20-111VanadiumppmASTM D5185>50A 2535-1VanadiumppmASTM D5185>20A11Yallow Metalscalar'VisualNONENONESiliconppmASTM D5185>20A11Yallow Metalscalar'VisualNONENONESiliconppmASTM D5185>20A11Yallow Metalscalar'VisualNONENONE							
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	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	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >0.2 NONE NONE NORML >0.2 379 0.0 0.8 0.0 31 38 	NEG NONE NONE NORML NORML NEG 16 146 6 303 24 32 32 174		
Visc @ 40°C cSt ASTM D445 139 230	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	 >0.2 NONE NONE NORML >0.2 379 0.0 0.8 0.0 31 38 1077 	NEG NONE NONE NORML NORML NEG 16 146 6 303 24 32 174 1107		
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Contact/Location: JIM STRIGLE - VOLVO0142



5985 COURT STREET ROAD Sample No. : VCP435060 Received : 19 Apr 2024 þ. Lab Number : 06154808 : 22 Apr 2024 Tested SYRACUSE, NY : 23 Apr 2024 - Don Baldridge Unique Number : 10990231 Diagnosed US 13206 Test Package : MOB 1 Contact: JIM STRIGLE Certificate L2367 JIM.STRIGLE@ALTG.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: (315)437-2611 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (315)434-9471

Contact/Location: JIM STRIGLE - VOLVO0142 Page 2 of 2