

#### Machine Id VOLV Component Rear L Fluid VOLV

### VOLVO EC480 311142 Component Rear Left Final Drive Fluid VOLVO PREMIUM GEAR OIL 85W-140 GL-5 (--- GAL)

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Resample at the next service interval to monitor.

### **WEAR**

All component wear rates are normal.

## CONTAMINATION

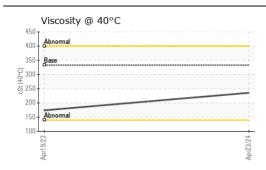
There is no indication of any contamination in the oil.

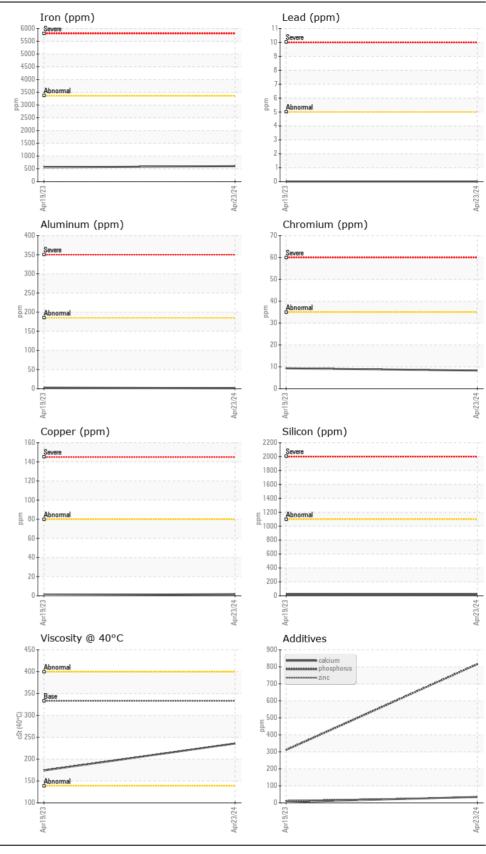
# FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP443779	VCP406885	
Sample Date		Client Info		23 Apr 2024	19 Apr 2023	
Machine Age	hrs	Client Info		6046	542	
Oil Age	hrs	Client Info		0	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Changed	
Filter Changed		Client Info		N/A	Not Changd	
Sample Status				NORMAL	NORMAL	
Iron	ppm	ASTM D5185m	>3360	604	559	
Chromium	ppm	ASTM D5185m	>35	8	9	
Nickel	ppm	ASTM D5185m	>8	0	0	
Titanium	ppm	ASTM D5185m	>15	0	<1	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>185	1	3	
Lead	ppm	ASTM D5185m	>5	0	0	
Copper	ppm	ASTM D5185m	>80	2	<1	
Tin	ppm	ASTM D5185m	>8	0	0	
Vanadium	ppm	ASTM D5185m		0	0	
White Metal	scalar	*Visual	NONE	NONE	MODER	
		*1/2 1	NIGNE			
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>1100	20	NONE 20	
Silicon	ppm	ASTM D5185m	>1100	20	20	
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>1100 >20	20 0	20 <1	
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>1100 >20 >0.2	20 0 NEG	20 <1 NEG	
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>1100 >20 >0.2 NONE	20 0 NEG NONE	20 <1 NEG NONE	 
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>1100 >20 >0.2 NONE NONE	20 0 NEG NONE NONE	20 <1 NEG NONE NONE	 
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual	>1100 >20 >0.2 NONE NONE NONE	20 0 NEG NONE NONE NONE	20 <1 NEG NONE NONE NONE	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>1100 >20 >0.2 NONE NONE NONE NORML	20 0 NEG NONE NONE NONE NORML	20 <1 NEG NONE NONE NONE NORML	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>1100 >20 >0.2 NONE NONE NONE NORML	20 0 NEG NONE NONE NONE NORML NORML	20 <1 NEG NONE NONE NONE NORML NORML	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>1100 >20 >0.2 NONE NONE NONE NORML	20 0 NEG NONE NONE NONE NORML NORML NEG	20 <1 NEG NONE NONE NONE NORML NORML NEG	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>1100 >20 >0.2 NONE NONE NORML NORML >0.2	20 0 NEG NONE NONE NORML NORML NEG 0	20 <1 NEG NONE NONE NORML NORML NEG 2	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gpm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>1100 >20 >0.2 NONE NONE NORML >0.2	20 0 NEG NONE NONE NORML NORML NEG 0 90	20 <1 NEG NONE NONE NORML NORML NEG 2 0	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm 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	>1100 >20 >0.2 NONE NONE NORML NORML >0.2	20 0 NEG NONE NONE NORML NORML NEG 0 90	20 <1 NEG NONE NONE NORML NORML NEG 2 0 2	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>1100 >20 >0.2 NONE NORME NORML >0.2 1111 0.0	20 0 NEG NONE NONE NORML NORML NEG 0 90 2 2	20 <1 NEG NONE NONE NORML NORML NEG 2 0 2 1	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>1100 >20 >0.2 NONE NONE NORML >0.2 111 0.0 0.9 0.0	20 0 NEG NONE NONE NORML NORML NEG 0 90 2 2 2 2 7	20 <1 NEG NONE NONE NORML NORML NEG 2 0 2 0 2 1 6	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>1100 >20 >0.2 NONE NONE NORML NORML >0.2 1111 0.0 0.9 0.0 39	20 0 NEG NONE NONE NORML NORML NEG 0 90 2 2 2 7 4	20 <1 NEG NONE NONE NORML NORML NEG 2 0 2 1 6 2 2	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	ppm ppm 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	>1100 >20 >0.2 NONE NONE NORML NORML >0.2 1111 0.0 0.9 0.0 39 93	20 0 NEG NONE NONE NORML NORML NEG 0 90 2 2 2 7 4 35	20 <1 NEG NONE NONE NORML NORML NEG 2 0 2 1 6 2 1 6 2 2 5	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>1100 >20 >0.2 NONE NONE NORML >0.2 111 0.0 0.9 0.0 39 93 920	20 0 NEG NONE NONE NORML NORML NEG 0 90 2 2 2 7 4 35 815	20 <1 NEG NONE NONE NORML NORML NEG 2 0 2 1 6 2 1 6 2 3 11	

Contact/Location: Robert LaPlante - VOLVO0096





ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Received 9601 BOGGY CREEK RD : VCP443779 : 24 Apr 2024 Lab Number : 06159477 ORLANDO, FL Tested : 29 Apr 2024 Unique Number : 10994900 : 29 Apr 2024 - Wes Davis US 32824 Diagnosed Test Package : MOB 1 Contact: Robert LaPlante Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. robert.laplante@altg.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (407)508-9736 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (407)659-8720

Contact/Location: Robert LaPlante - VOLVO0096 Page 2 of 2