

Machine Id VOLVO L250H 1038 Component Front Axle Fluid {not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

CONTAMINATION

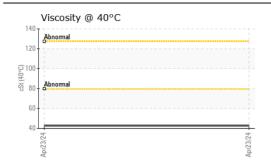
There is no indication of any contamination in the oil.

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		ASC0010220		
Sample Date		Client Info		23 Apr 2024		
Machine Age	hrs	Client Info		7156		
Oil Age	hrs	Client Info		7156		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
Iron	ppm	ASTM D5185m	>500	4		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>30	0		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>120	0		
Tin	ppm	ASTM D5185m	>20	0		
Vanadium	ppm	ASTM D5185m	NONE	0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Yellow Metal Silicon	scalar ppm	*Visual ASTM D5185m	NONE	NONE 9		
Silicon	ppm	ASTM D5185m	>50	9	 	
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>50 >20	9 0	 	
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>50 >20 >0.2	9 0 NEG		
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>50 >20 >0.2 NONE	9 0 NEG MODER		
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>50 >20 >0.2 NONE NONE	9 0 NEG MODER NONE		
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>50 >20 >0.2 NONE NONE NONE	9 0 NEG MODER 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	>50 >20 >0.2 NONE NONE NONE NORML	9 0 NEG MODER NONE NONE 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	>50 >20 >0.2 NONE NONE NORE NORML	9 0 NEG MODER 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	>50 >20 >0.2 NONE NONE NORE NORML	9 0 NEG MODER NONE NORE NORML NEG		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>50 >20 >0.2 NONE NONE NORE NORML	9 0 NEG MODER NONE NORML NORML NEG <1 146		
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	>50 >20 >0.2 NONE NONE NORE NORML	9 0 NEG MODER NONE NORML NORML NORML NEG <1 146 0		
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	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>50 >20 >0.2 NONE NONE NORE NORML	9 0 NEG MODER NONE NORML NORML NEG <1 146 0 0		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar gpm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>50 >20 >0.2 NONE NONE NORE NORML	9 0 NEG MODER NONE NORML NORML NEG <1 146 0 0 0		
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 ASTM D5185m	>50 >20 >0.2 NONE NONE NORE NORML	9 0 NEG MODER NONE NORML NORML NEG <1 146 0 0 0 0 0		
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	>50 >20 >0.2 NONE NONE NORE NORML	9 0 NEG NONE NONE NORML NORML NEG <1 146 0 0 0 0 0 10 3911		
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	>50 >20 >0.2 NONE NONE NORE NORML	9 0 NEG MODER NONE NORML NORML NEG <1 146 0 0 0 0 0 10 3911 1389		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Malybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm 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 ASTM D5185m	>50 >20 >0.2 NONE NONE NORE NORML	9 0 NEG MODER NONE NORML NORML NEG <1 146 0 0 0 0 10 3911 1389 1655		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron 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	>50 >20 >0.2 NONE NONE NORE NORML	9 0 NEG MODER NONE NORML NORML NEG <1 146 0 0 0 0 0 10 3911 1389		

Submitted By: HUNTER DOLIVE



Ferrous Alloys 10 mqq 0 pr23/74 Non-ferrous Metals 10 lead mdo Viscosity @ 40°C 130 Abnorma 125 120 115 110 105 100 95 cSt (40°C) 28 (40°C) 08 25 75 70 65 60 55 50 45 40 Apr23/24 Apr/23/74

114 - ASCENDUM MACHINERY INC - CONCORD Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : ASC0010220 Received : 29 May 2024 1025 INTERNATIONAL DR NW Lab Number : 06194314 Tested : 31 May 2024 CONCORD, NC Unique Number : 11056437 Diagnosed : 31 May 2024 - Angela Borella US 28027 Test Package : CONST Contact: JEFF WILBANKS Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. jeff.wilbanks@ascendummachinery.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (704)599-8179 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (704)596-1362

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