

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id BETON PROVINCIAL [BT403221]

VOLVO L120H 633495

Rear Axle

VOLVO WB 102 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

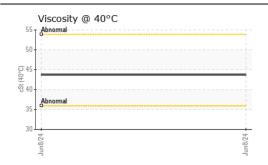
There is no indication of any contamination in the oil.

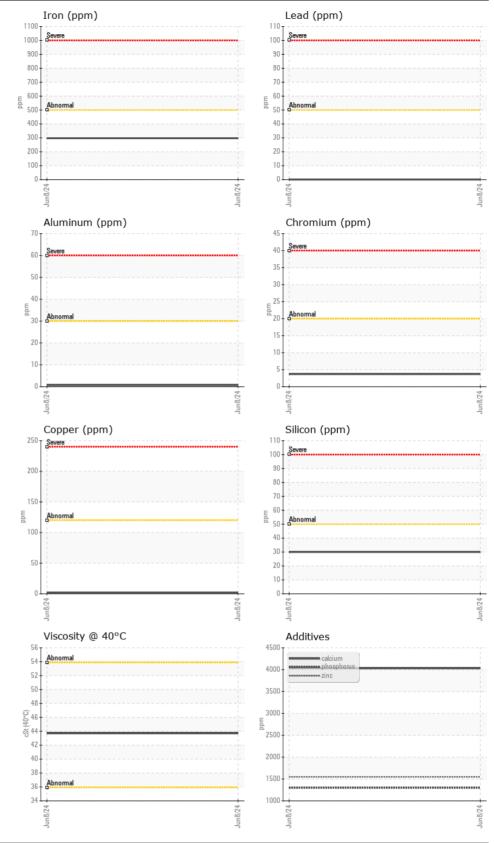
FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP430117		
Sample Date		Client Info		08 Jun 2024		
Machine Age	hrs	Client Info		1251		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
Iron		ASTM D5185(m)	>500	297		
Chromium	ppm	ASTM D5185(m)	>20	4		
Nickel	ppm		>10	4		
Titanium	ppm	ASTM D5185(m) ASTM D5185(m)	>10	-		
Silver	ppm	(/		<1 0		
	ppm	ASTM D5185(m)	. 20	-		
Aluminum Lead	ppm	ASTM D5185(m)	>30	<1		
	ppm	ASTM D5185(m)	>50	0		
Copper	ppm	ASTM D5185(m)	>120	2		
Tin	ppm	ASTM D5185(m)	>20	0		
Vanadium	ppm	ASTM D5185(m)				
White Metal	scalar	Visual*	NONE	VLITE		
Vallau Matal	a a a l a v	\/:l*				
Yellow Metal	scalar	Visual*	NONE	NONE		
Yellow Metal Silicon	scalar ppm	Visual* ASTM D5185(m)	NONE	NONE 30		
Silicon	ppm	ASTM D5185(m)	>50	30		
Silicon Potassium	ppm	ASTM D5185(m) ASTM D5185(m)	>50 >20	30 35		
Silicon Potassium Water	ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method	>50 >20 >0.2	30 35 NEG		
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual*	>50 >20 >0.2 NONE	30 35 NEG NONE		
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual*	>50 >20 >0.2 NONE NONE	30 35 NEG NONE NONE		
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual*	>50 >20 >0.2 NONE NONE NONE	30 35 NEG NONE NONE NONE	 	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual*	>50 >20 >0.2 NONE NONE NONE NORML	30 35 NEG NONE NONE NONE NORML	 	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual*	>50 >20 >0.2 NONE NONE NONE NORML NORML	30 35 NEG NONE NONE NORE NORML NEG		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* Visual*	>50 >20 >0.2 NONE NONE NONE NORML NORML	30 35 NEG NONE NONE NORML NORML NEG 13		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	30 35 NEG NONE NONE NORML NORML NEG 13 116		
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 D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	30 35 NEG NONE NONE NORML NORML NEG 13 116 1		
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 D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	30 35 NEG NONE NONE NORML NORML NEG 13 116 1 8		
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 D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	30 35 NEG NONE NONE NORML NORML NEG 13 116 1 8 11		
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 D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	30 35 NEG NONE NONE NORML NORML NEG 13 116 1 8 11 8 11		
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 D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	30 35 NEG NONE NONE NORML NORML NEG 13 116 1 8 11 8 11 12 4030		
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 D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	30 35 NEG NONE NONE NORML NORML NEG 13 116 1 8 11 8 11 12 4030 1300		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	30 35 NEG NONE NONE NORML NORML NEG 13 116 1 8 11 12 4030 1300 1549		
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 D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>50 >20 >0.2 NONE NONE NONE NORML NORML	30 35 NEG NONE NONE NORML NORML NEG 13 116 1 8 11 8 11 12 4030 1300		

Contact/Location: Marco Castura - SHEBAI





Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CALA Sample No. Received : 13 Jun 2024 : VCP430117 Lab Number : 02641826 Tested : 13 Jun 2024 ISO 17025:2017 Accredited Laboratory Diagnosed Unique Number : 5799365 : 13 Jun 2024 - Wes Davis Test Package : MOB 1 To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

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