

Machine Id VOLVO L120H 632841 Component Front Axle

TDH FLUID SAE 70W80 (--- 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

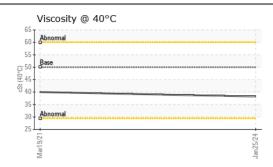
There is no indication of any contamination in the oil.

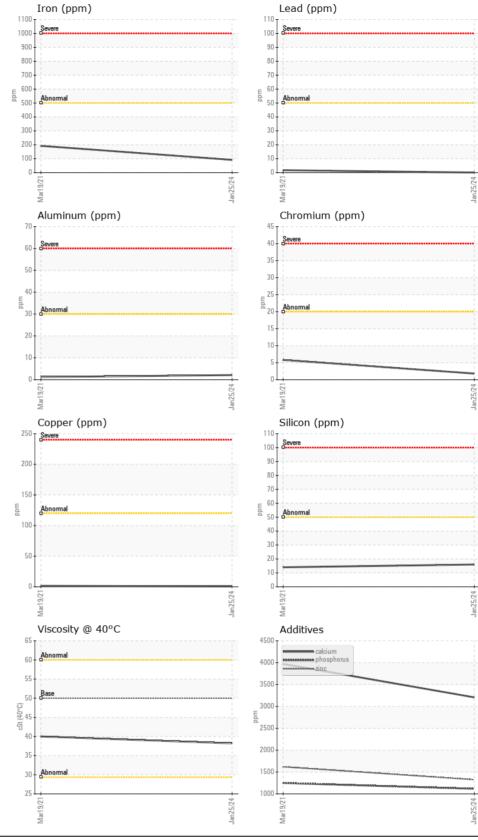
FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP0008148	VCP303960	
Sample Date		Client Info		25 Jan 2024	19 Mar 2021	
Machine Age	hrs	Client Info		8601	1036	
Oil Age	hrs	Client Info		7565	1036	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		N/A	Changed	
Filter Changed		Client Info		N/A	Not Changd	
Sample Status				NORMAL	NORMAL	
			500		400	
Iron	ppm	ASTM D5185m	>500	91	192	
Chromium	ppm	ASTM D5185m	>20	2	6	
Nickel	ppm	ASTM D5185m	>10	<1	<1	
Titanium	ppm	ASTM D5185m		2	<1	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>30	2	1	
Lead	ppm	ASTM D5185m	>50	0	2	
Copper	ppm	ASTM D5185m	>120	<1	2	
Tin	ppm	ASTM D5185m	>20	0	0	
Vanadium	ppm	ASTM D5185m	NONE	0	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>50	16	14	
Deteesture						
Potassium	ppm	ASTM D5185m	>20	2	0	
Potassium Water	ppm	ASTM D5185m WC Method	>20 >0.2	2 NEG	0 NEG	
	ppm scalar			_		
Water		WC Method	>0.2	NEG	NEG	
Water Silt	scalar	WC Method *Visual	>0.2 NONE	NEG NONE	NEG	
Water Silt Debris	scalar scalar	WC Method *Visual *Visual	>0.2 NONE NONE	NEG NONE NONE	NEG NONE NONE	
Water Silt Debris Sand/Dirt	scalar scalar scalar	WC Method *Visual *Visual *Visual	>0.2 NONE NONE NONE	NEG NONE NONE NONE	NEG NONE NONE NONE	
Water Silt Debris Sand/Dirt Appearance	scalar scalar scalar scalar	WC Method *Visual *Visual *Visual *Visual	>0.2 NONE NONE NONE NORML	NEG NONE NONE NONE NORML	NEG NONE NONE NORML	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar scalar	WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>0.2 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG	NEG NONE NONE NORML NORML NEG	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	scalar scalar scalar scalar scalar scalar ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>0.2 NONE NONE NORML NORML >0.2	NEG NONE NONE NORML NORML NEG	NEG NONE NONE NORML NORML NEG 11	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar scalar ppm	WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>0.2 NONE NONE NORML NORML	NEG NONE NONE NORML NORML NEG 4 115	NEG NONE NONE NORML NORML NEG	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar scalar ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>0.2 NONE NONE NORML NORML >0.2	NEG NONE NONE NORML NORML NEG	NEG NONE NONE NORML NORML NEG 11 121	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar scalar ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>0.2 NONE NONE NORML NORML >0.2	NEG NONE NONE NORML NORML NEG 4 115 <1	NEG NONE NONE NORML NORML NEG 11 121 0	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>0.2 NONE NONE NORML NORML >0.2	NEG NONE NONE NORML NORML NEG 4 115 <1 1	NEG NONE NONE NORML NORML NEG 11 121 0 9	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar scalar scalar ppm ppm ppm	WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>0.2 NONE NONE NORML NORML >0.2 10 10	NEG NONE NONE NORML NORML NEG 4 115 <1 1 3	NEG NONE NONE NORML NORML NEG 11 121 0 9 14	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	scalar scalar scalar scalar scalar 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 NORML NORML >0.2 10 10 10 100 	NEG NONE NONE NORML NORML NEG 4 115 <1 1 1 3 14	NEG NONE NONE NORML NORML NEG 11 121 0 9 14 8	
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	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 10 10 10 3500 	NEG NONE NONE NORML NORML NEG 4 115 <1 1 3 14 3207	NEG NONE NONE NORML NORML NEG 11 121 0 9 14 8 8 3971	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Malganese 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 10 10 10 3500 1150 	NEG NONE NONE NORML NORML NEG 4 115 <1 1 3 14 3207 1116	NEG NONE NONE NORML NORML NEG 11 121 0 9 14 8 3971 1248	
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	scalar scalar scalar scalar scalar ppm ppm 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 ASTM D5185m ASTM D5185m ASTM D5185m	 >0.2 NONE NORME NORML >0.2 10 10 10 3500 1150 1150 	NEG NONE NONE NORML NORML NEG 4 115 <1 115 <1 1 3 14 3207 1116 1325	NEG NONE NONE NORML NORML NEG 11 121 0 9 14 8 3971 1248 3971 1248 1619	

Submitted By: TECHNICIAN ACCOUNT





ALTA EQUIPMENT COMPANY Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : VCP0008148 Recieved : 31 Jan 2024 8750 PHILIPS HWY Lab Number : 02 Feb 2024 JACKSONVILLE, FL :06076176 Diagnosed : 10858267 Unique Number : Sean Felton US 32256 Diagnostician Test Package : MOBCE Contact: SHAWN NORTHCRAFT Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. shawn.northcraft@altg.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (904)737-6000 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (904)737-1260

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