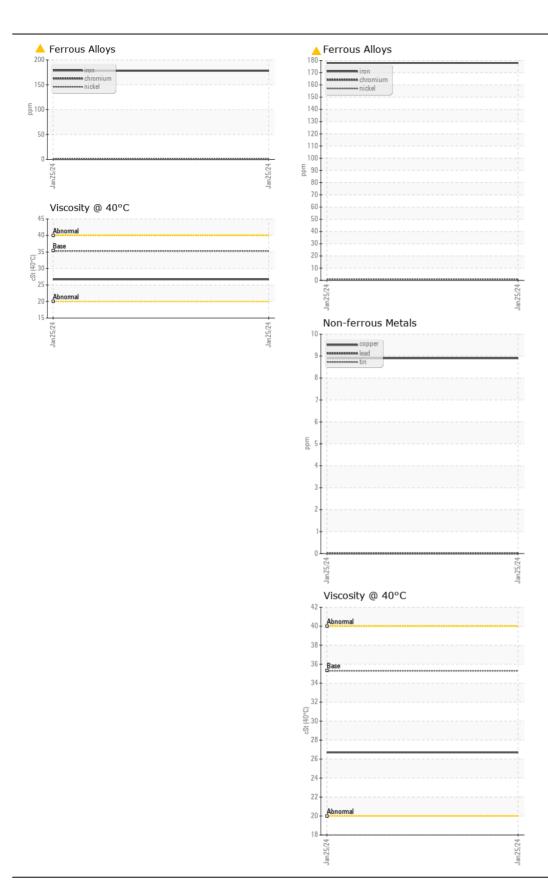


VOLVO L70H 623623

Component Transmission (Auto)

VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (5 GAL)

SSION FLU	ID AT	102 (5 G	iAL)	.,		
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ML0000132		
Sample Date		Client Info		25 Jan 2024		
Machine Age	hrs	Client Info		3970		
Oil Age	hrs	Client Info		3970		
Filter Age	hrs	Client Info		3970		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		Changed		
Sample Status				ABNORMAL		
		40714 05405				
	ppm					
			>5			
	ppm					
	ppm					
	ppm					
	ppm		>10			
				-		
	scalar			-		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>20	13		
Potassium	ppm	ASTM D5185m	>20	3		
Water		WC Method	>0.1	NEG		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	LIGHT		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	NEG		
Codium		ACTM DE10Em		.4		
			187			
Molybdenum				<1		
worybaenum	ppm	ASTM D5185m		10		
Manganasa			U.U	10		=
Manganese	ppm			1		
Magnesium	ppm	ASTM D5185m	6.8	1		
Magnesium Calcium	ppm ppm	ASTM D5185m ASTM D5185m	6.8 215	100		
Magnesium Calcium Phosphorus	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	6.8 215 445	100 148		
Magnesium Calcium Phosphorus Zinc	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	6.8 215 445 56	100 148 44	 	
Magnesium Calcium Phosphorus	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	6.8 215 445 56 1336	100 148		
	Test Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	Test UOM Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm	Test UOM Method Sample Number Client Info Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Oil Changed Client Info Filter Age hrs Client Info Oil Changed Client Info Sample Status Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Silver ppm ASTM D5185m Lead ppm ASTM D5185m Lead ppm ASTM D5185m Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar *Visual Yellow Metal scalar *Visual Silicon ppm ASTM D5185m Water WC Method Silt scalar *Visual Silt scalar *Visual Debris scalar *Visual Sand/Dirt scalar *Visual Sand/Dirt scalar *Visual Sand/Dirt scalar *Visual Sand/Dirt scalar *Visual Sodium ppm ASTM D5185m Boron ppm ASTM D5185m Boron ppm ASTM D5185m Boron ppm ASTM D5185m Boron ppm ASTM D5185m Barium ppm ASTM D5185m	Test UOM Method Limit/Abn Sample Number Client Info Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status Iron ppm ASTM D5185m >160 Chromium ppm ASTM D5185m >5 Nickel ppm ASTM D5185m >5 Nickel ppm ASTM D5185m >5 Aluminum ppm ASTM D5185m >50 Lead ppm ASTM D5185m >50 Copper ppm ASTM D5185m >10 Copper ppm ASTM D5185m >10 Vanadium ppm ASTM D5185m >10 Vanadium ppm ASTM D5185m >10 Vanadium ppm ASTM D5185m >225 Tin ppm ASTM D5185m >10 Vanadium ppm ASTM D5185m >10 Vanadium ppm ASTM D5185m >10 Vanadium ppm ASTM D5185m >20 Potassium ppm ASTM D5185m NONE Sand/Dirt scalar *Visual NORML Appearance scalar *Visual NORML Emulsified Water scalar *Visual NORML Emulsified Water scalar *Visual NORML Barium ppm ASTM D5185m 0.0	Sample Number Client Info ML0000132 Sample Date Client Info 25 Jan 2024 Machine Age hrs Client Info 3970 Oil Age hrs Client Info 3970 Filter Age hrs Client Info Changed Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status Client Info Changed Iron ppm ASTM D5185m >160 178 Chromium ppm ASTM D5185m >5 <1	Test







Laboratory

Sample No. Lab Number

: ML0000132 : 06077259 Unique Number : 10859350 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 01 Feb 2024 : 03 Feb 2024 Diagnosed

Diagnostician : Don Baldridge

2410 EVERGREEN RD SUITE 200 GAMBRILLS, MD US 21054

Contact: RUSSELL HATFIELD

RELIABLE CONTRACTING

RHATFIELD@RELIABLECONTRACTING.COM T: (410)987-1851

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.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Report Id: RELMIL [WUSCAR] 06077259 (Generated: 02/03/2024 12:03:21) Rev: 1

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