

Machine Id

3552 VOLVO L220H 3552

VÕLVO WET BRAKE TRANSAXLE OIL (--- GAL)

REC	IENL	ΊΑ	IUN	

Resample at the next service interval to monitor.

## **WEAR**

All component wear rates are normal.

## CONTAMINATION

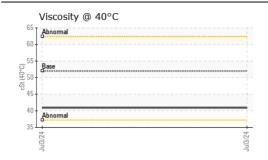
There is no indication of any contamination in the oil.

## FLUID CONDITION

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

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Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP443031		
Sample Date		Client Info		03 Jul 2024		
Machine Age	hrs	Client Info		509		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Filter Changed		Client Info		Not Changd		
Sample Status				NORMAL		
Iron	ppm	ASTM D5185m	>500	21		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>30	3		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>120	2		
Tin	ppm	ASTM D5185m	>20	0		
Vanadium	ppm	ASTM D5185m		<1		
Vanadiani						
White Metal	scalar	*Visual	NONE	NONE		
	scalar scalar	*Visual *Visual	NONE	NONE NONE		
White Metal	scalar		-			
White Metal Yellow Metal		*Visual	NONE	NONE	 	
White Metal Yellow Metal Silicon	scalar ppm	*Visual ASTM D5185m	NONE	<b>NONE</b> 10	  	
White Metal Yellow Metal Silicon Potassium	scalar ppm	*Visual ASTM D5185m ASTM D5185m	NONE >50 >20	10 4	  	
White Metal Yellow Metal Silicon Potassium Water	scalar ppm ppm	*Visual ASTM D5185m ASTM D5185m WC Method	NONE >50 >20 >0.2	NONE 10 4 NEG		
White Metal Yellow Metal Silicon Potassium Water Silt	scalar ppm ppm scalar	*Visual ASTM D5185m ASTM D5185m WC Method *Visual	NONE >50 >20 >0.2 NONE	NONE 10 4 NEG NONE		   
White Metal Yellow Metal Silicon Potassium Water Silt Debris	scalar ppm ppm scalar scalar	*Visual ASTM D5185m ASTM D5185m WC Method *Visual *Visual	NONE >50 >20 >0.2 NONE NONE	NONE 10 4 NEG NONE NONE		    
White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt	scalar ppm ppm scalar scalar scalar	*Visual ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual	NONE >50 >20 >0.2 NONE NONE NONE	NONE 10 4 NEG NONE NONE NONE		
White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance	scalar ppm ppm scalar scalar scalar	*Visual ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	NONE >50 >20 >0.2 NONE NONE NONE NORML	NONE 10 4 NEG NONE NONE NONE NORML		
White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	scalar ppm ppm scalar scalar scalar scalar	*Visual ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	NONE >50 >20 >0.2 NONE NONE NORML NORML	NONE 10 4 NEG NONE NONE NONE NORML NORML		
White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	scalar ppm ppm scalar scalar scalar scalar	*Visual ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE >50 >20 >0.2 NONE NONE NORML NORML	NONE 10 4 NEG NONE NONE NORE NORML NEG 0		
White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar ppm ppm scalar scalar scalar scalar scalar scalar ppm	*Visual ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE >50 >20 >0.2 NONE NORME NORML >0.2	NONE 10 4 NEG NONE NONE NORML NORML NEG 0 136		
White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar ppm ppm scalar scalar scalar scalar scalar scalar	*Visual ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	NONE >50 >20 NONE NONE NORML NORML >0.2	NONE 10 4 NEG NONE NONE NORML NORML NEG 0 136 <1		
White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar ppm ppm scalar scalar scalar scalar scalar scalar ppm	*Visual ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NONE >50 >20 NONE NONE NORML NORML >0.2	NONE 10 4 NEG NONE NONE NORE NORML NEG 0 136 <1 2		
White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	*Visual ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NONE >50 >20 NONE NONE NORML NORML >0.2	NONE 10 4 NEG NONE NONE NORML NORML NEG 0 136 <1 2 2		
White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	*Visual ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE >50 >20 NONE NONE NORML NORML >0.2	NONE 10 4 NEG NONE NONE NORML NORML NEG 0 136 <1 2		
White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	*Visual ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NONE >50 >20 NONE NONE NORML NORML >0.2	NONE 10 4 NEG NONE NONE NORML NORML NEG 0 136 <1 2 2		
White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm	*Visual ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE >50 >20 NONE NONE NORM NORM >0.2	NONE 10 4 NEG NONE NONE NORML NORML NORML NEG 0 136 <1 2 2 2 9		
White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium Calcium	scalar ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	*Visual ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE >50 >20 NONE NONE NONE NORML >0.2 100 0 0 0 3800	NONE 10 4 NEG NONE NONE NORML NORML NEG 0 136 <1 2 2 2 9 4172 1372 1658		
White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE >50 >20 NONE NONE NORML NORML >0.2 100 0 0 0 3800 1200	NONE 10 4 NEG NONE NONE NORML NORML NEG 0 136 <1 2 2 2 9 4172 1372		

Contact/Location: RYAN BOWDEN - TRASEF



Ferrous Alloys 22 20 nickel 18 16 0 Non-ferrous Metals 10 • lead mdo 0 Viscosity @ 40°C 64 62 60 58 56 54 52 (0°0€) (0°0€) (0°0€) ŝ 48 46 44 42 40 38 Abnorma 36 1.13/24



TRADEMARK METALS RECYCLING - SEFFNER 11324 E US HWY 92 SEFFNER, FL : 15 Jul 2024 - Sean Felton US 33584 Contact: RYAN BOWDEN

T:

F:

Test Package : CONST To discuss this sample report, contact Customer Service at 1-800-237-1369.

: VCP443031

\* - 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)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received

Diagnosed

Tested

: 12 Jul 2024

: 15 Jul 2024

Report Id: TRASEF [WUSCAR] 06235233 (Generated: 07/15/2024 21:27:16) Rev: 1

Certificate L2367

Laboratory

Sample No.

Lab Number : 06235233

Unique Number : 11124067

Contact/Location: RYAN BOWDEN - TRASEF Page 2 of 2