

WEAR	
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

#### Machine Id VOLVO A30G 753658 Component Wet Disc Brake Fluid {not provided} (---- GAL)

### RECOMMENDATION

Resample at the next service interval to monitor.

#### **WEAR**

All component wear rates are normal.

## CONTAMINATION

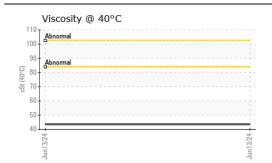
There is no indication of any contamination in the oil.

# 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		ASC0011208		
Sample Date		Client Info		13 Jun 2024		
Machine Age	hrs	Client Info		813		
Oil Age	hrs	Client Info		813		
Filter Age	hrs	Client Info		813		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		Not Changd		
Sample Status				NORMAL		
			00	10		
Iron	ppm	ASTM D5185m	>20	10		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium Silver	ppm	ASTM D5185m ASTM D5185m		<1		
0	ppm		. 10	0		
Aluminum Lead	ppm	ASTM D5185m ASTM D5185m	>10 >10	2		
	ppm	ASTM D5185m	>75	76		
Copper Tin	ppm	ASTM D5185m		0		
Vanadium	ppm	ASTM D5185m	>10	0		
White Metal	ppm scalar	*Visual	NONE	NONE		
Yellow Metal			NONE	NONE		
renow wetai	scalar	*Visual	INDINE	NONE		
Silicon	ppm	ASTM D5185m	>20	12		
Silicon Potassium	ppm ppm	ASTM D5185m ASTM D5185m	>20 >20	12 4		
Potassium		ASTM D5185m	>20	4		
Potassium Water	ppm	ASTM D5185m WC Method	>20 >0.1	4 NEG		
Potassium Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >0.1 NONE	4 NEG NONE		
Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.1 NONE NONE	4 NEG NONE NONE	 	  
Potassium Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE	4 NEG NONE NONE NONE		  
Potassium Water Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE	4 NEG NONE NONE NONE NORML	  	  
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NORML NORML	4 NEG NONE NONE NORE NORML NORML NEG		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 123		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 123 <1		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 123 <1 0		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 123 <1 0 0 0		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 123 <1 123 <1 0 0 5		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 123 <1 123 <1 0 0 5 3599		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 123 <1 0 0 0 5 3599 1344		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 123 <1 123 <1 0 0 5 3599 1344 1524		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 123 <1 0 0 0 5 3599 1344		

Contact/Location: Service Manager - CARRALVCP



Ferrous Alloys 10 mqq 0 N CU C un13/24 Non-ferrous Metals 81 75 lead 70 65 60 55 50 45 튭 40 35 30 25 20 15 10 0 un 13/2 Viscosity @ 40°C 105 Ał 100 95 90 85 80 CSt (40°C) 22 (40°C) 65 60 55 50 45 40 Jun13/24 -Jun 13/24

> **CARDINAL CIVIL** 4700 FALLS OF NEUSE RD, SUITE 370 RALEIGH, NC : 20 Jun 2024 - Don Baldridge US 27609 Contact: Service Manager

Test Package : CONST 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.

: ASC0011208

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

: 18 Jun 2024

: 20 Jun 2024

T: (919)324-1964 F:

Certificate L2367

Laboratory

Sample No.

Lab Number : 06213883

Unique Number : 11086747

Contact/Location: Service Manager - CARRALVCP Page 2 of 2