

Machine Id VOLVO A25G 752092

Front Axle

VOLVO SUPER GEAR OIL 75W-80-GO102 (--- GAL)

R	EC	OM	ИEN	IDAT	ION

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.

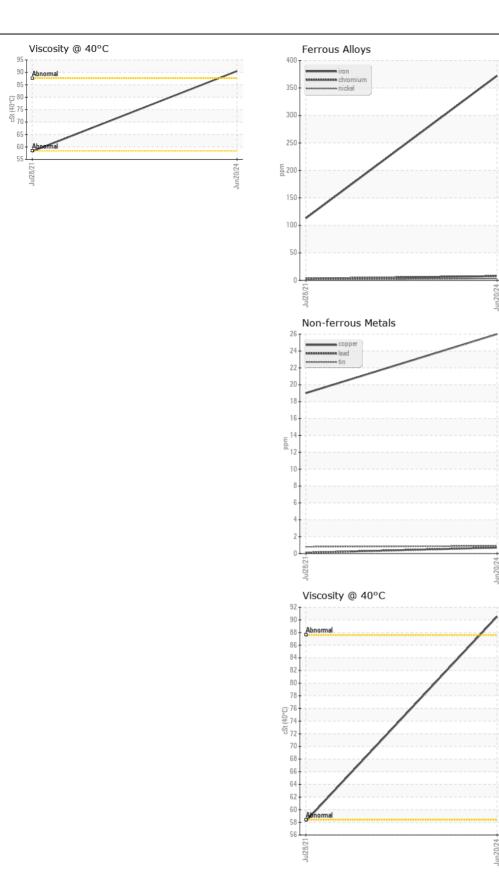
FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0010817	VCP317145	
Sample Date		Client Info		20 Jun 2024	28 Jul 2021	
Machine Age	hrs	Client Info		3040	537	
Oil Age	hrs	Client Info		0	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Not Changd	Changed	
Filter Changed		Client Info		Not Changd	N/A	
Sample Status		NORMAL	NORMAL			
Iron	ppm	ASTM D5185m	>900	372	113	
Chromium	ppm	ASTM D5185m	>20	8	3	
Nickel	ppm	ASTM D5185m	>10	4	1	
Titanium	ppm	ASTM D5185m		<1	<1	
Silver	ppm	ASTM D5185m		<1	<1	
Aluminum	ppm	ASTM D5185m	>30	<1	<1	
Lead	ppm	ASTM D5185m	>50	<1	<1	
Copper	ppm	ASTM D5185m	>150	26	19	
Tin	ppm	ASTM D5185m	>20	<1	<1	
Vanadium	ppm	ASTM D5185m		<1	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>50	8	4	
Silicon Potassium	ppm ppm	ASTM D5185m ASTM D5185m	>50 >20	8 2	4 3	
				-		
Potassium		ASTM D5185m	>20	2	3	
Potassium Water	ppm	ASTM D5185m WC Method	>20 >0.2	2 NEG	3 NEG	
Potassium Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >0.2 NONE	2 NEG MODER	3 NEG MODER	
Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.2 NONE NONE	2 NEG MODER NONE	3 NEG MODER NONE	
Potassium Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>20 >0.2 NONE NONE NONE	2 NEG MODER NONE NONE	3 NEG MODER NONE NONE	
Potassium Water Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >0.2 NONE NONE NONE NORML	2 NEG MODER NONE NONE NORML	3 NEG MODER 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 >0.2 NONE NONE NORML NORML	2 NEG MODER NONE NONE NORML NORML NEG	3 NEG NODER NONE NONE NORML NORML NEG	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.2 NONE NONE NORML NORML	2 NEG MODER NONE NORE NORML NEG 4	3 NEG MODER NONE NORML NORML NEG 1	
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 >0.2 NONE NONE NORML NORML	2 NEG MODER NONE NORML NORML NEG 4 226	3 NEG MODER NONE NORML NORML NEG 1 232	
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 >0.2 NONE NONE NORML NORML	2 NEG MODER NONE NORML NORML NEG 4 226 2	3 NEG MODER NONE NORML NORML NEG 1 232 0	
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 >0.2 NONE NONE NORML NORML	2 NEG MODER NONE NORML NORML NEG 4 226 2 5	3 NEG NONE NONE NORML NEG 1 232 0 4	
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 >0.2 NONE NONE NORML NORML	2 NEG MODER NONE NORML NORML NEG 4 226 2 5 18	3 NEG NONE NONE NORML NORML NEG 1 232 0 4 16	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum 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 >0.2 NONE NONE NORML NORML	2 NEG MODER NONE NORML NORML NEG 4 226 2 5 18 2 5	3 NEG NODER NONE NORML NORML NEG 1 232 0 4 16 16	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium Calcium	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 >0.2 NONE NONE NORML NORML	2 NEG MODER NONE NORML NORML NEG 4 226 2 4 226 2 5 18 3 8 <1	3 NEG NODER NONE NORML NORML NEG 1 232 0 4 16 16 1 612	
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 >0.2 NONE NONE NORML NORML	2 NEG MODER NONE NORML NORML NEG 4 226 2 5 18 <1 18 <1 146 1398	3 NEG NONE NONE NORML NORML NEG 1 232 0 4 16 16 1 612 1394	
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	>20 >0.2 NONE NONE NORML NORML	2 NEG MODER NONE NORML NORML NEG 4 226 2 5 18 <1 146 1398 64	3 NEG NODER NONE NORML NORML NEG 1 232 0 4 16 1 612 1394 239	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum 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 >0.2 NONE NONE NORML NORML	2 NEG MODER NONE NORML NORML NEG 4 226 2 5 18 <1 18 <1 146 1398	3 NEG NONE NONE NORML NORML NEG 1 232 0 4 16 16 1 612 1394	

Report Id: VOLVO8531 [WUSCAR] 06222933 (Generated: 06/30/2024 10:01:53) Rev: 1

Contact/Location: JESSE WILSON - VOLVO8531



: WearCheck USA - 501 Madison Ave., Cary, NC 27513 365 - ASCENDUM MACHINERY INC - SAVANNAH : 27 Jun 2024 54 MEDLINE DR : 28 Jun 2024 RICHMOND HILL, GA : 30 Jun 2024 - Don Baldridge US 31324 Contact: JESSE WILSON jesse.wilson@ascendummachinery.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (912)964-9515



Certificate L2367

Laboratory

Sample No.

Lab Number : 06222933

Unique Number : 11101130

Test Package : CONST

: ASC0010817

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

Received

Diagnosed

Tested

Contact/Location: JESSE WILSON - VOLVO8531 Page 2 of 2