



VOLVO A25G 752470

GEAR OIL SAE 75W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

## **WEAR**

All component wear rates are normal.

## CONTAMINATION

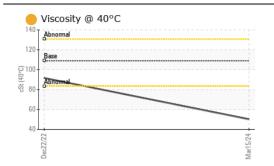
There is no indication of any contamination in the oil.

## FLUID CONDITION

The oil viscosity is lower than normal. Confirm oil type.

				~		
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ML0000817	VCP367908	
Sample Date		Client Info		15 Mar 2024	22 Dec 2022	
Machine Age	hrs	Client Info		2068	661	
Oil Age	hrs	Client Info		1407	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Not Changd	Changed	
Filter Changed		Client Info		None	Not Changd	
Sample Status			ATTENTION	NORMAL		
					4.40	
Iron	ppm	ASTM D5185m	>900	90	140	
Chromium	ppm	ASTM D5185m	>20	<1	4	
Nickel	ppm	ASTM D5185m	>10	<1	<1	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m	0.0	0	0	
Aluminum	ppm	ASTM D5185m	>30	0	0	
Lead	ppm	ASTM D5185m	>50	0	0	
Copper	ppm	ASTM D5185m	>150	21	28	
Tin	ppm	ASTM D5185m	>20	0	<1	
Vanadium	ppm	ASTM D5185m		0	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	MODER	
Silicon	ppm	ASTM D5185m	>50	1	4	
Silicon Potassium	ppm ppm	ASTM D5185m ASTM D5185m	>50 >20	1 0	4 5	
				-		
Potassium		ASTM D5185m	>20	0	5	
Potassium Water	ppm	ASTM D5185m WC Method	>20 >0.2	0 NEG	5 NEG	
Potassium Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >0.2 NONE	0 NEG NONE	5 NEG NONE	
Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.2 NONE NONE	0 NEG NONE NONE	5 NEG NONE NONE	
Potassium Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>20 >0.2 NONE NONE NONE	0 NEG NONE NONE NONE	5 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 >0.2 NONE NONE NONE NORML	0 NEG NONE NONE NONE NORML	5 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 >0.2 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG	5 NEG NONE NONE 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 >0.2 NONE NONE NORML NORML >0.2	0 NEG NONE NONE NORML NORML NEG	5 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 >0.2 NONE NONE NORML >0.2	0 NEG NONE NONE NORML NORML NEG <1 268	5 NEG NONE NONE NORML NORML NEG <1 250	
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	<ul> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NORM</li> <li>NORML</li> <li>&gt;0.2</li> <li>400</li> <li>200</li> </ul>	0 NEG NONE NONE NORML NORML NEG <1 268 0	5 NEG NONE NONE NORML NORML NEG <1 250 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 >0.2	0 NEG NONE NONE NORML NORML NEG <1 268 0 <1	5 NEG NONE NONE NORML NORML NEG <1 250 0 6	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm scalar scalar scalar scalar scalar 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 >0.2 400 200 12	0 NEG NONE NONE NORML NORML NEG <1 268 0 <1 268	5 NEG NONE NONE NORML NORML NEG <1 250 0 6 10	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar 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 >0.2 400 200 12	0 NEG NONE NONE NORML NORML NEG <1 268 0 <1 268 0 <1 2 0	5 NEG NONE NONE NORML NORML NEG <1 250 0 6 10 10	
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	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 >0.2 400 200 12 12	0 NEG NONE NONE NORML NORML NEG <1 268 0 <1 268 0 <1 20 61	5 NEG NONE NONE NORML NORML NEG <1 250 0 6 10 1 1 758	
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	<ul> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NORML</li> <li>&gt;0.2</li> <li>400</li> <li>200</li> <li>12</li> <li>150</li> <li>1650</li> </ul>	0 NEG NONE NONE NORML NORML NEG <1 268 0 <1 268 0 <1 2 61 2	5 NEG NONE NONE NORML NORML NEG <1 250 0 6 10 10 1 758 1307	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum Manganese Magnesium Calcium Phosphorus	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	<ul> <li>&gt;20</li> <li>&gt;0.2</li> <li>&gt;0.2</li> <li>NONE</li> <li>NORML</li> <li>NORML</li> <li>&gt;0.2</li> <li>400</li> <li>200</li> <li>12</li> <li>150</li> <li>1650</li> <li>125</li> </ul>	0 NEG NONE NONE NORML NORML NEG <1 268 0 <1 268 0 <1 2 61 2 1 2 1 2 1 2 1 1 2	5 NEG NONE NONE NORML NORML NEG <1 250 0 6 10 1 1 758 1307 324	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium 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	<ul> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NORML</li> <li>&gt;0.2</li> <li>400</li> <li>200</li> <li>12</li> <li>12</li> <li>150</li> <li>1650</li> </ul>	0 NEG NONE NONE NORML NORML NEG <1 268 0 <1 268 0 <1 2 61 2	5 NEG NONE NONE NORML NORML NEG <1 250 0 6 10 10 1 758 1307	

Submitted By: Service - Garrett Lowry



Received

Diagnosed

Tested



MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND : WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 20 Mar 2024 1345 MOUNTAIN ROAD : 21 Mar 2024 GLEN ALLEN, VA : 23 Mar 2024 - Don Baldridge US 23060 Contact: KYLE RATLIFFE KRATLIFFE@MCCLUNG-LOGAN.COM T: F: (804)266-1611

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)

Lab Number : 06124416

Unique Number : 10938567

Test Package : CONST

: ML0000817

Laboratory

Sample No.

Certificate L2367

Submitted By: Service - Garrett Lowry Page 2 of 2