

Machine Id

RECOMMENDATION

Resample at the next service interval to monitor.

## VOLVO A25G 752045 Component Bogie/Center Axle Fluid VOLVO PREMIUM GEAR OIL 85W-140 GL-5 (--- GAL)

**WEAR** 

All component wear rates are normal.

## CONTAMINATION

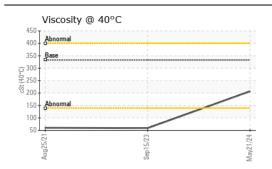
There is no indication of any contamination in the oil.

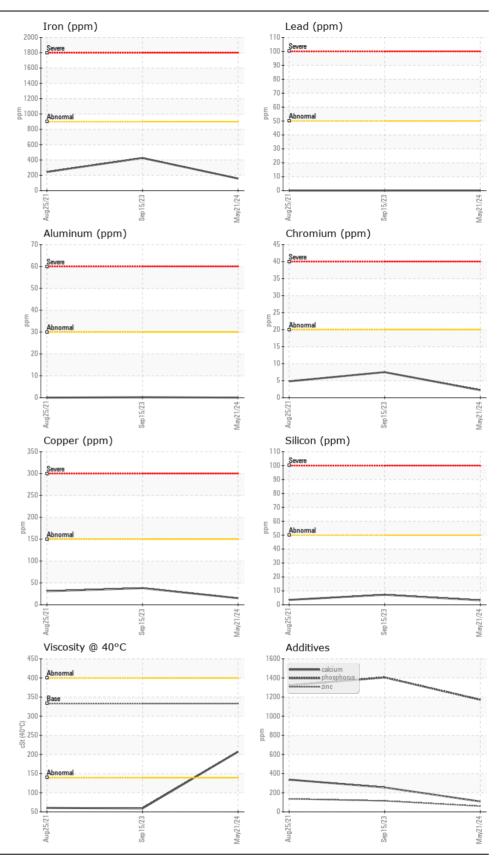
## FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number	00101	Client Info	Ennigradin	VCP447760	VCP387148	VCP321376
Sample Date		Client Info		21 May 2024	15 Sep 2023	25 Aug 2021
Machine Age	hrs	Client Info		4514	3862	1613
Oil Age	hrs	Client Info		0	0	1613
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	N/A	Not Changd
Sample Status				NORMAL	NORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>900	157	425	243
Chromium	ppm	ASTM D5185m	>20	2	8	5
Nickel	ppm	ASTM D5185m	>10	0	4	2
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>30	0	<1	0
Lead	ppm	ASTM D5185m	>50	0	0	0
Copper	ppm	ASTM D5185m	>150	15	38	31
Tin	ppm	ASTM D5185m	>20	0	2	1
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>50	3	7	4
Silicon Potassium	ppm ppm	ASTM D5185m ASTM D5185m	>50 >20	3 0	7 5	4
				-		
Potassium		ASTM D5185m	>20	0	5	3
Potassium Water	ppm	ASTM D5185m WC Method	>20 >0.2	0 NEG	5 NEG	3 NEG
Potassium Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >0.2 NONE	0 NEG MODER	5 NEG NONE	3 NEG NONE
Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.2 NONE NONE	0 NEG MODER NONE	5 NEG NONE NONE	3 NEG NONE MODER
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 MODER NONE NONE	5 NEG NONE NONE NONE	3 NEG NONE MODER 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 MODER NONE NONE NORML	5 NEG NONE NONE NONE NORML	3 NEG NONE MODER NONE NORML
Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>20 >0.2 NONE NONE NORML NORML	0 NEG MODER NONE NONE NORML NORML	5 NEG NONE NONE NONE NORML NORML	3 NEG NONE MODER NONE NORML NORML
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>20 >0.2 NONE NONE NORML NORML	0 NEG MODER NONE NONE NORML NORML NEG	5 NEG NONE NONE NORML NORML NEG	3 NEG NONE MODER NORE 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 >0.2	0 NEG MODER NONE NORE NORML NEG 3	5 NEG NONE NONE NORML NORML NEG 5	3 NEG NONE MODER NORML NORML NEG 3
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 >0.2	0 NEG MODER NONE NORML NORML NEG 3 191	5 NEG NONE NONE NORML NORML NEG 5 212	3 NEG NONE NORE NORML NORML NEG 3 189
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 >0.2	0 NEG MODER NONE NORML NORML NEG 3 191 0	5 NEG NONE NONE NORML NORML NEG 5 212 0	3 NEG NONE MODER NORML NORML NEG 3 189 0
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm scalar 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 NORML NORML >0.2 1111 0.0 0.9	0 NEG MODER NONE NORML NORML NEG 3 191 0 4	5 NEG NONE NONE NORML NORML NEG 5 212 0 19	3 NEG NONE NORE NORML NORML NEG 3 189 0 13
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm scalar 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 NORME NORML >0.2 1111 0.0 0.9 0.0	0 NEG MODER NONE NORML NORML NEG 3 191 0 4 5	5 NEG NONE NONE NORML NORML NEG 5 212 0 19 26	3 NEG NONE NONE NORML NORML NEG 3 189 0 13 17
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.2 NONE NONE NORML NORML >0.2 1111 0.0 0.9 0.0 39	0 NEG MODER NONE NORML NORML NEG 3 191 0 4 5 20	5 NEG NONE NONE NORML NORML NEG 5 212 0 19 26 2	3 NEG NONE NONE NORML NORML NEG 3 189 0 13 17 2
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	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 1111 0.0 0.9 0.0 39 93	0 NEG MODER NONE NORML NORML NEG 3 191 0 4 5 20 109	5 NEG NONE NONE NORML NORML NEG 5 212 0 19 26 2 2 2 5 2 2 5	3 NEG NONE NONE NORML NORML NEG 3 189 0 1317 17 2 337
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 >0.2 1111 0.0 0.0 0.0 39 93 920	0 NEG MODER NONE NORML NORML NEG 3 191 0 4 5 20 109 1172	5 NEG NONE NONE NORML NORML NEG 5 212 0 19 26 2 2 2 5 212 0 19 26 19	3 NEG NONE NONE NORML NORML NEG 3 189 0 13 17 2 337 1322

Contact/Location: TODD LARK - VOLVO0090







ALTA EQUIPMENT COMPANY Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Received 5151 DR MARTIN LUTHER KING BLVD : VCP447760 : 29 May 2024 Lab Number : 06194395 Tested : 31 May 2024 FORT MYERS, FL Unique Number : 11056518 : 31 May 2024 - Wes Davis US 33905 Diagnosed Test Package : MOB 1 Contact: TODD LARK Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. tlark@altaequipfl.com \* - 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) F: (239)481-3302

Report Id: VOLVO0090 [WUSCAR] 06194395 (Generated: 05/31/2024 07:43:23) Rev: 1

Contact/Location: TODD LARK - VOLVO0090 Page 2 of 2

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