

Machine Id

RECOMMENDATION

## VOLVO A45G 352344 Component Bogie/Center Axle Fluid VOLVO PREMIUM GEAR OIL 85W-140 GL-5 (--- GAL)

WEAR
All component wear rates are normal.

Resample at the next service interval to monitor.

## CONTAMINATION

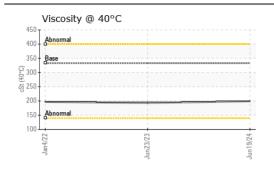
There is no indication of any contamination in the oil.

## FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number	UOIVI	Client Info	LIIII(AUI	VCP0008170	VCP402833	VCP350601
•		Client Info		19 Jun 2024	23 Jun 2023	04 Jan 2022
Sample Date Machine Age	bro	Client Info		19 Jun 2024 0	23 Jun 2023 4120	2007
	hrs			0	-	
Oil Age	hrs	Client Info		-	0	0
Filter Age	hrs	Client Info		0	0 Observed	0 Nat Channel
Oil Changed		Client Info		N/A	Changed	Not Changd
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>900	203	209	228
Chromium	ppm	ASTM D5185m	>20	2	3	3
Nickel	ppm	ASTM D5185m	>10	1	1	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>30	3	1	<1
Lead	ppm	ASTM D5185m	>50	0	0	0
Copper	ppm	ASTM D5185m	>150	8	4	2
Tin	ppm	ASTM D5185m	>20	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	MODER	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>50	6	4	3
Potassium	ppm	ASTM D5185m	>20	2	1	0
			0.0			
Water		WC Method	>0.2	NEG	NEG	NEG
Water Silt	scalar	WC Method *Visual	>0.2 NONE	NEG NONE	NEG NONE	NEG NONE
	scalar scalar			-		
Silt		*Visual	NONE	NONE	NONE	NONE
Silt Debris	scalar	*Visual *Visual	NONE NONE	NONE	NONE	NONE
Silt Debris Sand/Dirt	scalar scalar	*Visual *Visual *Visual	NONE NONE NONE	NONE LIGHT NONE	NONE NONE NONE	NONE NONE NONE
Silt Debris Sand/Dirt Appearance	scalar scalar scalar	*Visual *Visual *Visual *Visual	NONE NONE NORML	NONE LIGHT NONE NORML	NONE NONE NORML	NONE NONE NORE
Silt Debris Sand/Dirt Appearance Odor	scalar scalar scalar scalar scalar	*Visual *Visual *Visual *Visual *Visual *Visual	NONE NONE NORML NORML	NONE LIGHT NONE NORML NORML	NONE NONE NORML NORML	NONE NONE NORML NORML
Silt Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar ppm	*Visual *Visual *Visual *Visual *Visual	NONE NONE NORML NORML	NONE LIGHT NONE NORML NORML	NONE NONE NORML NORML NEG	NONE NONE NORML NORML NEG
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	scalar scalar scalar scalar scalar	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NONE NORML NORML >0.2	NONE LIGHT NONE NORML NORML NEG	NONE NONE NORML NORML NEG	NONE NONE NORML NORML NEG 0
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NONE NORML NORML >0.2	NONE LIGHT NONE NORML NEG 1 167	NONE NONE NORML NORML NEG <1 175	NONE NONE NORML NORML NEG 0 185
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	NONE NONE NONE NORML >0.2 1111 0.0	NONE LIGHT NONE NORML NEG 1 167 0	NONE NONE NORML NORML NEG <1 175 0	NONE NONE NORML NORML NEG 0 185 0
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >0.2 1111 0.0	NONE LIGHT NORML NORML NEG 1 167 0 6	NONE NONE NORML NORML NEG <1 175 0 7	NONE NONE NORML NORML NEG 0 185 0 6
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.2 1111 0.0 0.9 0.0	NONE LIGHT NORML NORML NEG 1 167 0 6 9	NONE NONE NORML NORML NEG <1 175 0 7 11	NONE NONE NORML NORML NEG 0 185 0 6 8
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	scalar scalar scalar scalar ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >0.2 1111 0.0 0.9 0.0 39	NONE LIGHT NONE NORML NEG 1 167 0 6 9 46	NONE NONE NORML NORML NEG <1 175 0 7 11 52	<ul> <li>NONE</li> <li>NONE</li> <li>NORML</li> <li>NORML</li> <li>NEG</li> <li>0</li> <li>185</li> <li>0</li> <li>6</li> <li>8</li> <li>47</li> </ul>
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.2 1111 0.0 0.9 0.9 39	NONE LIGHT NORML NORML NEG 1 167 0 6 9 46 264	NONE NONE NORML NORML NEG <1 175 0 7 11 52 218	NONE NONE NORML NORML NEG 0 185 0 6 8 8 47 208
Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORME NORML >0.2 1111 0.0 0.0 0.0 39 93 920	NONE LIGHT NORML NORML NEG 1 167 0 6 9 46 264 1107	NONE NONE NORML NORML NEG <1 175 0 7 11 52 218 1030	<ul> <li>NONE</li> <li>NONE</li> <li>NORML</li> <li>NORML</li> <li>NEG</li> <li>0</li> <li>185</li> <li>0</li> <li>6</li> <li>8</li> <li>47</li> <li>208</li> <li>944</li> </ul>

Submitted By: TECHNICIAN ACCOUNT



Ferrous Alloys 240 220 200 180 160 140 튭 120 100 81 60 40 0 :0/2/D: Non-ferrous Metals 10 mdo un23/23 Viscosity @ 40°C 420 400 380 360 340 320 300 () 280 र्ग रहु 260 240 220 200 180 160 Abnorm 140-120 Jun19/24 Jun23/23 Jan4



ALTA EQUIPMENT COMPANY Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : VCP0008170 Received : 27 Jun 2024 8750 PHILIPS HWY Lab Number : 06222663 Tested : 28 Jun 2024 JACKSONVILLE, FL Unique Number : 11100860 Diagnosed : 28 Jun 2024 - Wes Davis US 32256 Test Package : CONST Contact: SHAWN NORTHCRAFT Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. shawn.northcraft@altg.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (904)737-6000 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (904)737-1260

Submitted By: TECHNICIAN ACCOUNT Page 2 of 2