

## Ascendum Machinery/500 Hour CSA VOLVO A40G 2345 (S/N A40GV752039) Component Bogie/Center Axle

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

RECOMMENDATION	Test	UOM	Method
Resample at the next service interval to monitor.	Sample Number		Client
	Sample Date		Client
	Machine Age	hrs	Client
	Oil Age	hrs	Client
	Filter Age	hrs	Client
	Oil Changed		Client
	Filter Changed		Client
	Sample Status		
WEAR	Iron	ppm	ASTM D5
All component wear rates are normal.	Chromium	ppm	ASTM D5
	Nickel	ppm	ASTM D5
	Titanium	ppm	ASTM D5
	Silver	ppm	ASTM D5
	Aluminum	ppm	ASTM D5
	Lead	ppm	ASTM D5
	Copper	ppm	ASTM D5
	Tin	ppm	ASTM D5
	Vanadium	ppm	ASTM D5
	White Metal	scalar	*Visua
	Yellow Metal	scalar	*Visua
CONTAMINATION	Silicon	ppm	ASTM D5
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5
	Water		WC Me
	Silt	scalar	*Visua
	Debris	scalar	*Visua
	Sand/Dirt	scalar	*Visua
	Appearance	scalar	*Visua
	Odor	scalar	*Visua
	Emulsified Water	scalar	*Visua
FLUID CONDITION	Sodium	ppm	ASTM D5
The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5
	Barium	ppm	ASTM D5
	Molybdenum	ppm	ASTM D5
	Manganese	ppm	ASTM D5
	Magnesium	ppm	ASTM D5

Visc @ 40°C

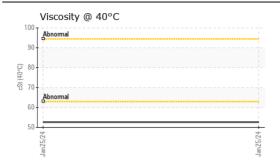
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ASTM D445

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0007917		
Sample Date		Client Info		25 Jan 2024		
Machine Age	hrs	Client Info		658		
Oil Age	hrs	Client Info		658		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		None		
Sample Status				NORMAL		
Iron	nnm	ASTM D5185m	>900	140		
Chromium	ppm ppm	ASTM D5185m	>20	2		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m	>10	0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>30	2		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>150	۰ <1		
Tin	ppm	ASTM D5185m	>20	0		
Vanadium	ppm	ASTM D5185m	220	0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>50	3		
Potassium	ppm	ASTM D5185m	>20	2		
Water		WC Method	>0.2	NEG		
Silt	scalar	*Visual	NONE	MODER		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Sodium	ppm	ASTM D5185m		<1		
Boron	ppm	ASTM D5185m		292		
Barium	ppm	ASTM D5185m		2		
Molybdenum	ppm	ASTM D5185m		4		
Manganese	ppm	ASTM D5185m		8		
Magnesium	ppm	ASTM D5185m		2		
Calcium	ppm	ASTM D5185m		177		
Phosphorus	ppm	ASTM D5185m		2187		
	ppin					
Zinc	ppm	ASTM D5185m		70		

Submitted By: KARRINGTON RENDLEMAN

52.6



Ferrous Alloys 140 130 nicke 120 110 100 90 80 mdo 70 60 50 Δr 30 20 10 0 Non-ferrous Metals 10 maa Viscosity @ 40°C 100 95 90 85 80 cSt (40°C) 7! 70 6 60 55 50 Jan25/24 Jan 25/24



TRIANGLE GRADING AND PAVING INC Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : ASC0007917 Recieved : 29 Jan 2024 1521 Huffman Mill Rd Lab Number : 06073335 : 30 Jan 2024 BURLINGTON, NC Diagnosed : 10850012 Unique Number Diagnostician : Wes Davis US 27216 Test Package : CONST Contact: KAREN HILLIARD To discuss this sample report, contact Customer Service at 1-800-237-1369. khilliard@trianglegradingpaving.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (336)584-1745 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (336)584-0145

Report Id: TRIBUR [WUSCAR] 06073335 (Generated: 01/30/2024 15:30:52) Rev: 1

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