

Ascendum Machinery/500 Hour CSA Machine Id VOLVO A40G 2345 (S/N A40GV752039) Component Drop Box

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

NECO	DAT	

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.

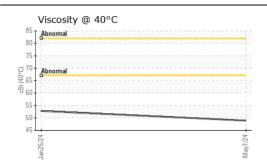
FLUID CONDITION

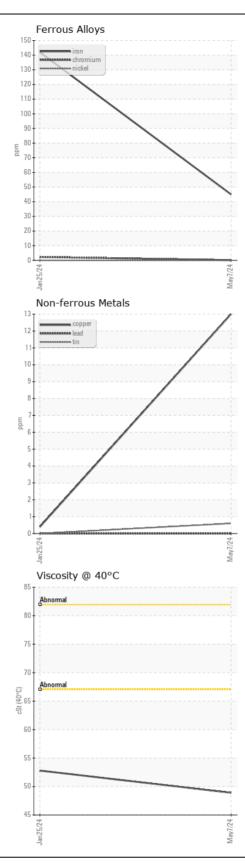
The condition of the oil is acceptable for the time in service.

TestUOMMethodLimitAbCurrentHistory1History2Sample NumberCClient InfoASC000991ASC0007324Sample DateClient InfoVMy 202425 Jan 2024Machine AgehrsClient InfoP76658Oil AgehrsClient InfoO0Filter AgehrsClient InfoNt ChangdNot ChangdFilter ChangedClient InfoNt ANoneSample StatusClient InfoNt ANorMALChromiumppmASTM D5185>50045142NickelppmASTM D5185>20clNickelppmASTM D5185>1000SilverppmASTM D5185>3000AluminumppmASTM D5185>300VanadiumppmASTM D5185>3013VanadiumppmASTM D5185>3013VanadiumppmASTM D5185>20clVanadiumppmASTM D5185>20clVanadiumppmASTM D5185>20clVanadiumppmASTM D5185>20clVanadiumppmASTM D5185>20cl <th></th> <th>\</th> <th>/</th> <th></th> <th></th> <th></th> <th></th>		\	/				
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Machine AgehrsClient Info976658Oil AgehrsClient Info976658Filter AgehrsClient InfoNo ChangdOil ChangedClient InfoNo ChangdNo ChangdFilter ChangedClient InfoN/ANoneSample StatusClient InfoN/ANoneIronppmASTM D5185m>50045142IronppmASTM D5185m>20<12NickelppmASTM D5185m>1000SilverppmASTM D5185m>3000AluminumppmASTM D5185m>3000AgandumppmASTM D5185m>3013<1VanadumppmASTM D5185m>20<10VanadumppmASTM D5185m>20<10Vellow Metalscalar'VisualNONENONENONEVellow Metalscalar'VisualNONENONENONESiliconppmASTM D5185m>50293ValadumppmASTM D5185m>50293SiliconppmASTM D5185m>50293SiliconppmASTM D5185m>50293SiliconppmASTM D	Sample Number		Client Info		ASC0009991	ASC0007924	
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Chromium ppm ASTM D5185m >20 <1	Sample Status				NORMAL	NORMAL	
Chromium ppm ASTM D5185m >20 <1							
NickelpmASTM D5185m>1000TitaniumpmASTM D5185m000SilverppmASTM D5185m>3002AluminumppmASTM D5185m>3000LeadppmASTM D5185m>3013<1CopperppmASTM D5185m>20<10YanadiumppmASTM D5185m>20<10VanadiumppmASTM D5185m>000White Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONESiliconppmASTM D5185m>2033Yellow Metalscalar*VisualNONENONENONESiliconppmASTM D5185m>2033SoliconppmASTM D5185m>2033Silitscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLGoronppmASTM D5185m2NEG<1BoronppmASTM D5185m222MolybdenumppmASTM D5185m <th>-</th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th>	-				-		
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Lead ppm ASTM D5185m >30 0 0 Copper ppm ASTM D5185m >30 13 <1		ppm			-	-	
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VanadiumppmASTM D5185mOOOWhite Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONESiliconppmASTM D5185m>50293PotassiumppmASTM D5185m>2033WaterWC Method>0.2NEGNEGSilitscalar*VisualNONEMODEMODERSand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLAppearancescalar*VisualNORMLNORMLNORMLGodorscalar*VisualNORMLNORMLNORMLAppearancescalar*VisualNORMLNORMLNORMLGodorscalar*Visual>0.2NEGNEGBoronppmASTM D5185m22MolybdenumppmASTM D5185m22MaganesiumppmASTM D5185m22MagnesiumppmASTM D5185m40147PhosphorusppmASTM D5185m6158SulfurppmASTM D5185m61583	Copper	ppm	ASTM D5185m	>30	13	<1	
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PotassiumppmASTM D5185m>2033WaterWC Method>0.2NEGNEGSiltscalar*VisualNONENONEMODERDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185m5<1BoronppmASTM D5185m222MolybdenumppmASTM D5185m22MagnesiumppmASTM D5185m22PhosphorusppmASTM D5185m40147PhosphorusppmASTM D5185m6158SulfurppmASTM D5185m22342155	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
PotassiumppmASTM D5185m>2033WaterWC Method>0.2NEGNEGSiltscalar*VisualNONENONEMODERDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185m5<1BoronppmASTM D5185m5<1MolybdenumppmASTM D5185m222MagnesiumppmASTM D5185m222PhosphorusppmASTM D5185m40147PhosphorusppmASTM D5185m6158SulfurppmASTM D5185m22342155	Silicon	mag	ASTM D5185m	>50	29	3	
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Odorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185m5<1BoronppmASTM D5185m151292BariumppmASTM D5185m22MolybdenumppmASTM D5185m28ManganeseppmASTM D5185m28MagnesiumppmASTM D5185m22PhosphorusppmASTM D5185m40147PhosphorusppmASTM D5185m6158SulfurppmASTM D5185m6158	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Emulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185m5<1BoronppmASTM D5185m151292BariumppmASTM D5185m22MolybdenumppmASTM D5185m74ManganeseppmASTM D5185m28MagnesiumppmASTM D5185m22CalciumppmASTM D5185m40147PhosphorusppmASTM D5185m22342155ZincppmASTM D5185m6158SulfurppmASTM D5185m2978026933	Appearance	scalar	*Visual	NORML	NORML	NORML	
Sodium ppm ASTM D5185m 5 <1	Odor	scalar	*Visual	NORML	NORML	NORML	
Boron ppm ASTM D5185m 151 292 Barium ppm ASTM D5185m 2 2 Molybdenum ppm ASTM D5185m 7 4 Manganese ppm ASTM D5185m 2 8 Magnesium ppm ASTM D5185m 2 8 Calcium ppm ASTM D5185m 2 2 Phosphorus ppm ASTM D5185m 40 147 Zinc ppm ASTM D5185m 2234 2155 Sulfur ppm ASTM D5185m 61 58	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
Boron ppm ASTM D5185m 151 292 Barium ppm ASTM D5185m 2 2 Molybdenum ppm ASTM D5185m 7 4 Manganese ppm ASTM D5185m 2 8 Magnesium ppm ASTM D5185m 2 8 Calcium ppm ASTM D5185m 2 2 Phosphorus ppm ASTM D5185m 40 147 Zinc ppm ASTM D5185m 2234 2155 Sulfur ppm ASTM D5185m 61 58	Sodium	maa	ASTM D5185m		5	<1	
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Molybdenum ppm ASTM D5185m 7 4 Manganese ppm ASTM D5185m 2 8 Magnesium ppm ASTM D5185m 2 2 Calcium ppm ASTM D5185m 40 147 Phosphorus ppm ASTM D5185m 2234 2155 Zinc ppm ASTM D5185m 61 58 Sulfur ppm ASTM D5185m 29780 26933	Barium		ASTM D5185m		2		
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Magnesium ppm ASTM D5185m 2 2 Calcium ppm ASTM D5185m 40 147 Phosphorus ppm ASTM D5185m 2234 2155 Zinc ppm ASTM D5185m 61 58 Sulfur ppm ASTM D5185m 29780 26933							
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Sulfur ppm ASTM D5185m 29780 26933	•						
	-						
	Visc @ 40°C	cSt	ASTM D445		48.9	52.8	

Report Id: TRIBUR [WUSCAR] 06177600 (Generated: 05/15/2024 14:35:19) Rev: 1

Submitted By: CLAYTON SMITH



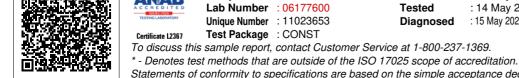


Received

Diagnosed

Tested

TRIANGLE GRADING AND PAVING INC : WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 13 May 2024 1521 Huffman Mill Rd : 14 May 2024 BURLINGTON, NC : 15 May 2024 - Don Baldridge US 27216 Contact: KAREN HILLIARD khilliard@trianglegradingpaving.com T: (336)584-1745 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (336)584-0145



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Laboratory

Sample No.

: ASC0009991

Submitted By: CLAYTON SMITH Page 2 of 2