

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

## Ascendum Machinery/500 Hour CSA Machine Id VOLVO A45G 2363 (S/N A45GV752172) Component Transmission (Auto)

DEXRON III (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

**WEAR** 

All component wear rates are normal.

## CONTAMINATION

There is no indication of any contamination in the fluid.

## FLUID CONDITION

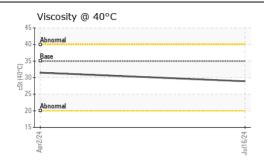
The condition of the fluid is acceptable for the time in service.

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TestUOMMethodLimitAbCurrentHistory1History2Sample NumberClient InfoIASC0009418ASC001280ISample DateClient InfoIIJ Jul 202402 Apr 2024IMachine AgeInrsClient InfoIDS8476IOil AgeInrsClient InfoIDS8476IFilter AgeInrsClient InfoIDS8AfAcoIGli ChangedICient InfoIDS8Mot ChangedIFilter ChangedICient InfoIDS8Mot ChangedISample StatusClient InfoIDS8Mot ChangedIChromiumppmASTM05185>1601ChromiumppmASTM05185>500NickelppmASTM05185>500AluminumppmASTM05185>500AluminumppmASTM05185>500AndoniumppmASTM05185>500SilconppmASTM05185>500YandumppmASTM05185>500YandumppmASTM05185>500SilconppmASTM05185>500YandumppmASTM05185>500YandumppmASTM05185>500Yandumppm </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
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Sample Status  NORMAL  NORMAL  NORMAL     Iron  ppm  ASTM D5185m  >160  0  1     Chromium  ppm  ASTM D5185m  >5  0  <1     Nickel  ppm  ASTM D5185m  >5  0  <1     Titanium  ppm  ASTM D5185m  >5  0  <1     Aluminum  ppm  ASTM D5185m  >5  0  <1     Aluminum  ppm  ASTM D5185m  >50  0  1     Aluminum  ppm  ASTM D5185m  >50  0  1     Astm D5185m  >50  0  <1      Vanadium  ppm  ASTM D5185m  >10  0  1     Vanadium  ppm  ASTM D5185m  >10  0  <1     Vanadium  ppm  ASTM D5185m  >20  0  1	Oil Changed		Client Info		Not Changd	Not Changd	
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Prime  ASTM D5185m  >5  0  <1	Sample Status				NORMAL	NORMAL	
Image  ASTM D5185m  >5  0  <1				100	•		
NickelppmASTM D5185m>50<1					-	-	
TitaniumppmASTM D5185mO<1					-		
SilverppmASTM D5185m>50<1				>0	-		
Aluminum  ppm  ASTM D5185m  >50  0  2     Aluminum  ppm  ASTM D5185m  >50  0  1     Lead  ppm  ASTM D5185m  >225  0  <1     Copper  ppm  ASTM D5185m  >225  0  <1     Tin  ppm  ASTM D5185m  >10  0  1     Vanadium  ppm  ASTM D5185m  >10  0  <1     Vanadium  ppm  ASTM D5185m  >20  0  <1     Vallow Metal  scalar  *Visual  NONE  NONE  NONE     Silicon  ppm  ASTM D5185m  >20  0  1     Vater  WC Method  >0.1  NEG  NORE     Solit  scalar  *Visual  NONE  NONE  NORE     Appearance  scalar  *Visual  NORML				. 5			
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Emulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m10BoronppmASTM D5185m86101BariumppmASTM D5185m00MolybdenumppmASTM D5185m0<1ManganeseppmASTM D5185m0<1MagnesiumppmASTM D5185m02CalciumppmASTM D5185m75888PhosphorusppmASTM D5185m05	Debris	scalar	*Visual	NONE	NONE	NONE	
Sodium  ppm  ASTM D5185m  1  0     Boron  ppm  ASTM D5185m  86  101     Barium  ppm  ASTM D5185m  0  0     Molybdenum  ppm  ASTM D5185m  0  <1     Manganese  ppm  ASTM D5185m  0  <1     Magnesium  ppm  ASTM D5185m  0  <1     Calcium  ppm  ASTM D5185m  0  2     Phosphorus  ppm  ASTM D5185m  75  888     Zinc  ppm  ASTM D5185m  0  5	Debris Sand/Dirt	scalar scalar	*Visual *Visual	NONE	NONE	NONE	
Boron  ppm  ASTM D5185m  866  101     Barium  ppm  ASTM D5185m  0  0     Molybdenum  ppm  ASTM D5185m  0  <10     Manganese  ppm  ASTM D5185m  0  <11     Magnesium  ppm  ASTM D5185m  0  <11     Calcium  ppm  ASTM D5185m  0  2     Phosphorus  ppm  ASTM D5185m  75  888     Zinc  ppm  ASTM D5185m  0  5	Debris Sand/Dirt Appearance	scalar scalar scalar	*Visual *Visual *Visual	NONE NONE NORML	NONE NONE NORML	NONE NONE NORML	
Boron  ppm  ASTM D5185m  866  101     Barium  ppm  ASTM D5185m  0  0     Molybdenum  ppm  ASTM D5185m  0  <10     Manganese  ppm  ASTM D5185m  0  <11     Magnesium  ppm  ASTM D5185m  0  <11     Calcium  ppm  ASTM D5185m  0  2     Phosphorus  ppm  ASTM D5185m  75  888     Zinc  ppm  ASTM D5185m  0  5	Debris Sand/Dirt Appearance Odor	scalar scalar scalar scalar	*Visual *Visual *Visual *Visual	NONE NORML NORML	NONE NORML NORML	NONE NORML NORML	
Barium  ppm  ASTM D5185m  0  0     Molybdenum  ppm  ASTM D5185m  0  <1     Manganese  ppm  ASTM D5185m  0  <1     Magnesium  ppm  ASTM D5185m  0  <1     Calcium  ppm  ASTM D5185m  0  2     Phosphorus  ppm  ASTM D5185m  75  88     Zinc  ppm  ASTM D5185m  0  5	Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar	*Visual *Visual *Visual *Visual *Visual	NONE NORML NORML	NONE NORML NORML NEG	NONE NORML NORML NEG	   
Molybdenum  ppm  ASTM D5185m  0  <1	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	scalar scalar scalar scalar scalar ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NORML NORML	NONE NORML NORML NEG 1	NONE NORML NORML NEG 0	   
Manganese  ppm  ASTM D5185m  0  <1	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NORML NORML	NONE NORML NORML NEG 1 86	NONE NORML NORML NEG 0 101	
Magnesium  ppm  ASTM D5185m  0  2     Calcium  ppm  ASTM D5185m  75  88     Phosphorus  ppm  ASTM D5185m  198  224     Zinc  ppm  ASTM D5185m  0  5	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	NONE NORML NORML	NONE NORML NORML NEG 1 86 0	NONE NORML NORML NEG 0 101 0	
Calcium  ppm  ASTM D5185m  75  88     Phosphorus  ppm  ASTM D5185m  198  224     Zinc  ppm  ASTM D5185m  0  5	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML	NONE NORML NORML NEG 1 86 0 0	NONE NORML NORML NEG 0 101 0 <1	
Phosphorus  ppm  ASTM D5185m  198  224     Zinc  ppm  ASTM D5185m  0  5	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar scalar ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML	NONE NORML NORML NEG 1 86 0 0 0	NONE NORML NORML NEG 0 101 0 <1 <1	
Zinc ppm ASTM D5185m 0 5	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 ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML	NONE NORML NORML NEG 1 86 0 0 0 0 0	NONE NORML NORML NEG 0 101 0 <1 <1 <1 2	
	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML	NONE NORML NORML NEG 1 86 0 0 0 0 0 0 0 75	NONE NORML NORML NEG 0 101 0 <10 <1 <1 2 88	
Sulfur ppm ASTM D5185m 2173 2006	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium Calcium Phosphorus	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML	NONE NORML NORML NEG 1 86 0 0 0 0 0 0 0 75 198	NONE NORML NORML NEG 0 101 0 <10 <1 2 88 224	
Visc @ 40°C cSt ASTM D445 35.0 (28.9) 31.5	Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium Calcium Phosphorus Zinc	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML	NONE NORML NORML NEG 1 86 0 0 0 0 0 0 0 0 75 198 0	NONE NORML NORML NEG 0 101 0 <10 <1 <1 2 88 88 224 5	

Contact/Location: KAREN NEWPORT - GANBURNC



Ferrous Alloys 10 mqq 0 Non-ferrous Metals 10 lead mdo Viscosity @ 40°C 42 ar 38 31 3 32 (10°C) ŝ 28 21 24 At 20 18 Apr2/24 Jul16/24



**G S MATERIALS INC** Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : ASC0009418 Received PO BOX 1335 : 18 Jul 2024 Lab Number : 06240823 Tested : 19 Jul 2024 BURLINGTON, NC Unique Number : 11129657 Diagnosed : 19 Jul 2024 - Wes Davis US 27216 Test Package : CONST Contact: KAREN NEWPORT Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. Gsmaterials@windstream.net \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (919)499-9322 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (919)499-2097

Contact/Location: KAREN NEWPORT - GANBURNC

Page 2 of 2