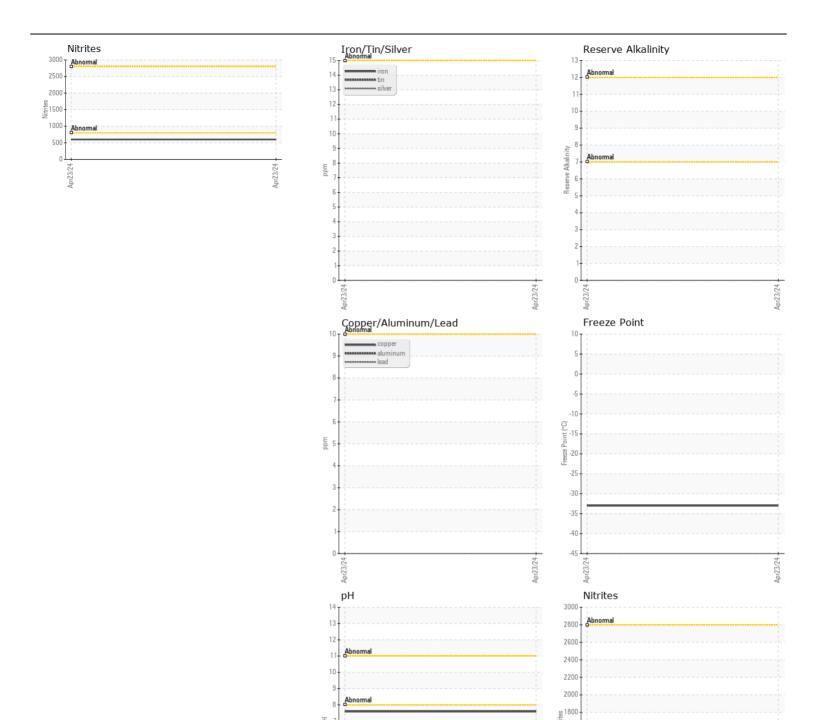
CORROSION CONTAMINANTS COOLANT CONDITION **NORMAL NORMAL NORMAL**

Ascendum Machinery/500 Hour CSA VOLVO EC300E 2131 (S/N 314707)
Component
Coolant

{not provided} (--- GAL)

No corrective action is recommended at this time. The fluid is suitable for further service. Sample Number Client Info 23 Apr 2024 Sample Date Client Info 23 Apr 2024 Machine Age hrs Client Info 3516 Oil Age hrs Client Info Not Changd Oil Changed Client Info Not Changd Sample Status NORMAL CORROSION Total Dissolved Solids 308.0 Coolant Appearance *Visual Clear normal								
Sample Date Client Info 23 Apr 2024 Machine Age hrs Client Info 3516 Oil Age hrs Client Info 3516 Oil Age hrs Client Info 3516 Oil Changed Client Info Not Changd Sample Status NORMAL CORROSION Total Dissolved Solids 308.0 Coolant Appearance *Visual Clear normal CONTAMINANTS Boiling Point °C WC Method 225 There is no indication of any contamination in the coolant. Specific Gravity *ASTM D1298 1.067 Nitrites ppm AP-053:2009 600 Reserve Alkalinity Scale 0-14 ASTM D1287 7.59 Reserve Alkalinity Scale 0-20 *ASTM D1321 49.6 Freezing Point °F ASTM D3321 -33 Carboxylate fail	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date Client Info 23 Apr 2024 Machine Age hrs Client Info 3516 Oil Age hrs Client Info 3516 Oil Changed Client Info Not Changed Sample Status NORMAL CORROSION Total Dissolved Solids Total Dissolved Solids 308.0 Coolant Appearance *Visual Clear normal CONTAMINANTS Boiling Point °C WC Method 225 There is no indication of any contamination in the coolant. Specific Gravity *ASTM D1298 1.067 PH Scale 0-14 ASTM D1287 7.59 Nitrites ppm AP-053:2009 600 Reserve Alkalinity Scale 0-20 *ASTM D1121 Percentage Glycol % ASTM D3321 49.6 Freezing Point °F ASTM D3321 -33 Carboxylate fail		Sample Number		Client Info		ASC0007011		
Oil Age hrs Client Info 3516 Oil Changed Sample Status NORMAL Sample Status NORMAL CORROSION Total Dissolved Solids *Visual Clear normal CONTAMINANTS Boiling Point °C WC Method 225 There is no indication of any contamination in the coolant. Specific Gravity *ASTM D1298 1.067 PH Scale 0-14 ASTM D1287 7.59 Nitrites ppm AP-053:2009 600 Percentage Glycol % ASTM D1321 49.6 Freezing Point °F ASTM D3321 49.6 Freezing Point °F ASTM D3321 -33 Carboxylate fail		Sample Date		Client Info		23 Apr 2024		
Oil Changed Sample Status Client Info Not Changd		Machine Age	hrs	Client Info		3516		
Sample Status NORMAL		Oil Age	hrs	Client Info		3516		
Total Dissolved Solids 308.0 CONTAMINANTS Boiling Point °C WC Method 225 There is no indication of any contamination in the coolant. Specific Gravity *ASTM D1298 1.067 PH Scale 0:14 ASTM D1287 7.59 Nitrites ppm AP-053:2009 6000 Percentage Glycol % ASTM D3321 49.6 Freezing Point °F ASTM D3321 -33 Carboxylate fail		Oil Changed		Client Info		Not Changd		
Coolant Appearance "Visual Clear normal CONTAMINANTS Boiling Point °C WC Method 225 Specific Gravity "ASTM D1298 1.067 pH Scale 0-14 ASTM D1287 7.59 Nitrites ppm AP-053:2009 600 Percentage Glycol % ASTM D3321 49.6 Freezing Point °F ASTM D3321 -33 Carboxylate fail		Sample Status				NORMAL		
Boiling Point °C WC Method 225 There is no indication of any contamination in the coolant. Specific Gravity *ASTM D1298 1.067 pH Scale 0-14 ASTM D1287 7.59 Nitrites ppm AP-053:2009 600 Reserve Alkalinity Scale 0-20 *ASTM D1121 Percentage Glycol % ASTM D3321 49.6 Freezing Point °F ASTM D3321 -33 Carboxylate fail	CORROSION	Total Dissolved Solids				308.0		
There is no indication of any contamination in the coolant. Specific Gravity *ASTM D1298 1.067 pH Scale 0-14 ASTM D1287 7.59 Nitrites ppm AP-053:2009 600 Reserve Alkalinity Scale 0-20 *ASTM D1121 Percentage Glycol % ASTM D3321 49.6 Freezing Point °F ASTM D3321 -33 Carboxylate fail		Coolant Appearance		*Visual	Clear	normal		
pH Scale 0-14 ASTM D1287 7.59 Nitrites ppm AP-053:2009 600 Reserve Alkalinity Scale 0-20 *ASTM D1121 Percentage Glycol % ASTM D3321 49.6 Freezing Point °F ASTM D3321 -33 Carboxylate fail	CONTAMINANTS	Boiling Point	°C	WC Method		225		
Nitrites ppm AP-053:2009 600 Reserve Alkalinity Scale 0-20 *ASTM D1121 Percentage Glycol % ASTM D3321 49.6 Freezing Point °F ASTM D3321 -33 Carboxylate fail	There is no indication of any contamination in the coolant.	Specific Gravity		*ASTM D1298		1.067		
Reserve Alkalinity Scale 0-20 *ASTM D1121 Percentage Glycol % ASTM D3321 49.6 Freezing Point °F ASTM D3321 -33 Carboxylate fail		рН	Scale 0-14	ASTM D1287		7.59		
Percentage Glycol % ASTM D3321 49.6 Freezing Point °F ASTM D3321 -33 Carboxylate fail		Nitrites	ppm	AP-053:2009		600		
Freezing Point °F ASTM D332133 Carboxylate fail		Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Carboxylate fail		Percentage Glycol	%	ASTM D3321		49.6		
		Freezing Point	°F	ASTM D3321		-33		
Coolant Color *Visual YIIow		Carboxylate				fail		
		Coolant Color		*Visual		Yllow		





Certificate L2367

Laboratory Sample No.

Lab Number : 06160904 Unique Number: 10996327

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : ASC0007011 Received : 25 Apr 2024 **Tested** : 30 Apr 2024

: 30 Apr 2024 - Jonathan Hester Diagnosed Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType)

> TRIANGLE GRADING AND PAVING INC 1521 Huffman Mill Rd BURLINGTON, NC

US 27216 Contact: KAREN HILLIARD

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To discuss this sample report, contact Customer Service at 1-800-237-1369. * - 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)