

WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL

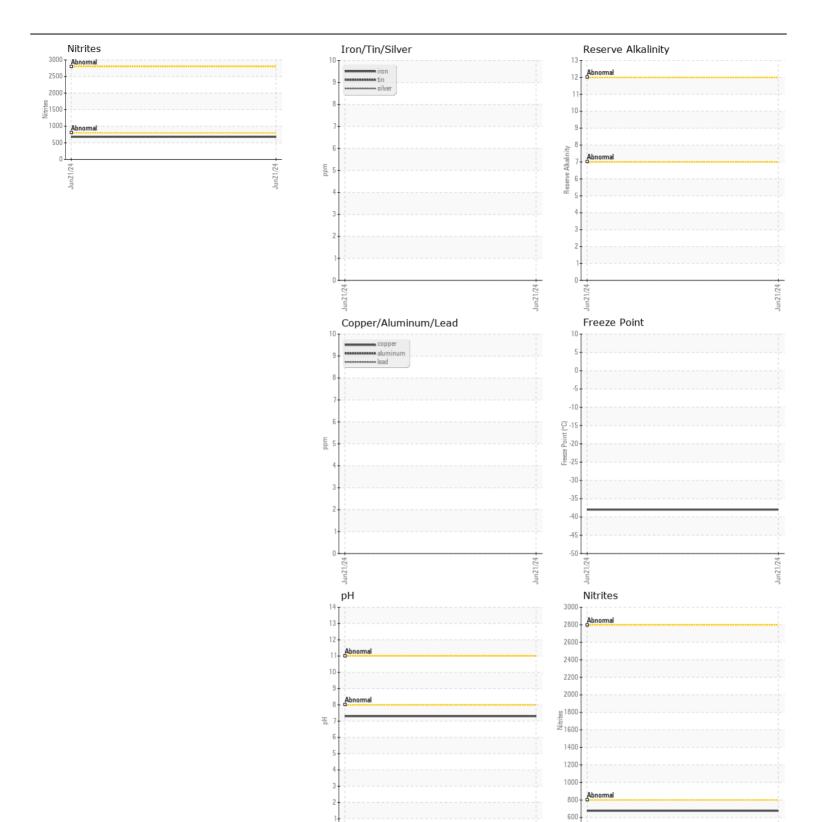
[20242920]

## Cummins 20439 Seneca Meadows

**Radiator Coolant** 

CONVENTIONAL COOLANT (20 GAL)

Sample Number   Client Info   DC0037078         Sample Date   Client Info   21 Jun 2024         Machine Age   hrs   Client Info   477         Oil Age   hrs   Client Info   0         Oil Changed   hrs   Client Info   0         Oil Changed   Client Info   Not Changed       Filter Changed   Client Info   N/A         Sample Status   NORMAL         NORMAL         VEAR	CONVENTIONAL COOLANT (20 GAL)							
Sample Date   Client Info   21 Jun 2024         Machine Age   hrs   Client Info   477         Oil Age   hrs   Client Info   0         Filter Age   hrs   Client Info   0         Filter Age   hrs   Client Info   0         Oil Changed   Client Info   Not Changd         Filter Changed   Client Info   N/A         Sample Status   NORIMAL         NEAR	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age   hrs   Client Info   477         Oil Age   hrs   Client Info   0         Filter Age   hrs   Client Info   0         Oil Changed   Client Info   Not Changd         Filter Changed   Client Info   N/A         Sample Status   NORMAL         NORMAL         NORMAL         NORMAL         NORMAL         NORMAL         Coolant Appearance   *Visual   Clear   normal         CONTAMINATION   Water   WC Method   NEG         FLUID CONDITION   Boiling Point   °C   WC Method   226         Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.   Specific Gravity   *ASTM D1298   1.069         Nitrites   ppm   AP-053:2009   676         Reserve Alkalinity   Scale 0-14   ASTM D1217         Percentage Glycol   % ASTM D3321   51.1         Freezing Point   °F   ASTM D3321   -38         Carboxylate     n/a	The fluid is suitable for further service.	Sample Number		Client Info		DC0037078		
Oil Age   hrs   Client Info   0         Filter Age   hrs   Client Info   0         Oil Changed   Client Info   Not Changd         Filter Changed   Client Info   N/A         Sample Status   NORMAL		Sample Date		Client Info		21 Jun 2024		
Filter Age   hrs   Client Info   Not Change   Client Info   Not Change   Client Info   Not Change   Client Info   N/A		Machine Age	hrs	Client Info		477		
Oil Changed   Client Info   Not Changed   Client Info   N/A		Oil Age	hrs	Client Info		0		
Filter Changed   Client Info   N/A         Sample Status   NORMAL         NEAR		Filter Age	hrs	Client Info		0		
NORMAL   N		Oil Changed		Client Info		Not Changd		
Total Dissolved Solids   Sala   Clear   Neg   Coolant Appearance   *Visual   Clear   Neg   Coolant Appearance   *Visual Clear   Neg   Coolant Appearance   *Visual Clear   Neg   Coolant Appearance   *Visual Clear   Neg   Coolant Appearance   *Visual Clear   Neg   Coolant Appearance   *Visual Clear   Neg   Coolant Appearance   *Visual Clear		Filter Changed		Client Info		N/A		
Visual   Clear   Neg   Column   Colum		Sample Status				NORMAL		
NEG     NEG     NEG     NEG     NEG     NEG	WEAR	Total Dissolved Solids				381.0		
Boiling Point °C WC Method   226           Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.     Specific Gravity   *ASTM D1298   1.069           pH   Scale 0.14   ASTM D1287   7.30           Nitrites   ppm   AP-053:2009   676           Reserve Alkalinity   Scale 0.20 *ASTM D1121           Percentage Glycol %   ASTM D3321   51.1           Freezing Point °F   ASTM D3321   -38           Carboxylate     n/a		Coolant Appearance		*Visual	Clear	normal		
Boiling Point   °C   WC Method   226	CONTAMINATION	Water		WC Method		NEG		
### Properties of the state of	FLUID CONDITION nation in the coolant.	Boiling Point	°C	WC Method		226		
Nitrites ppm AP-053:2009 676  Reserve Alkalinity	Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.	Specific Gravity		*ASTM D1298		1.069		
Reserve Alkalinity         Scale 0-20         *ASTM D1121              Percentage Glycol         %         ASTM D3321         51.1             Freezing Point         °F         ASTM D3321         -38             Carboxylate         n/a		рН	Scale 0-14	ASTM D1287		7.30		
Percentage Glycol         %         ASTM D3321         51.1             Freezing Point         °F         ASTM D3321         -38             Carboxylate         n/a		Nitrites	ppm	AP-053:2009		676		
Freezing Point         °F         ASTM D3321         -38             Carboxylate         n/a		Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Carboxylate n/a		Percentage Glycol	%	ASTM D3321		51.1		
		Freezing Point	°F	ASTM D3321		-38		
Coolant Color *Visual Yllow		Carboxylate				n/a		
		Coolant Color		*Visual		Yllow		





Certificate L2367

Laboratory

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No.

: DC0037078 Lab Number : 06234398 Unique Number : 11123232

Received **Tested** 

Diagnosed Test Package : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType )

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.

: 12 Jul 2024 : 16 Jul 2024 - Jonathan Hester

: 11 Jul 2024

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LANHAM, MD US 20706 Contact: E. NOEL enoel@phalconusa.com

T: (240)623-4398

4600 HARGROVE DR

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F:

**JE RICHARDS**