

CORROSION NORMAL CONTAMINANTS COOLANT CONDITION

NORMAL

NORMAL

## 2H28 PETERBILT RTK9845 (S/N 2NP3XJ0XXHM443145)

Component Coolant

## EXTENDED LIFE COOLANT (--- GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ARI06125329	ARI04625224	ARI013940
Sample Date		Client Info		21 Mar 2024	04 Jan 2019	21 May 2018
Machine Age	mls	Client Info		154632	57512	41452
Oil Age	mls	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL
Total Dissolved Solids				360.0	438.0	418.5
Coolant Appearance		*Visual	Clear	normal	normal	normal
Boiling Point	°C	WC Method		229		
Specific Gravity		*ASTM D1298		1.078		
рН	Scale 0-14	ASTM D1287		8.55	8.32	8.29
Nitrites	ppm	AP-053:2009		900	560	524
Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Percentage Glycol	%	ASTM D3321		58.1	57	55
Freezing Point	°F	ASTM D3321		-54	-56	-51
	Sample Number Sample Date Machine Age Oil Age Oil Changed Sample Status Total Dissolved Solids Coolant Appearance Boiling Point Specific Gravity pH Nitrites Reserve Alkalinity Percentage Glycol	Sample NumberInitialSample DatemisMachine AgemisOil AgemisOil ChangedISample StatusITotal Dissolved SolidsITotal Dissolved SolidsIBoiling Point°CSpecific GravityIpHScale 0.14NitritesppmReserve AlkalinityScale 0.20Percentage Glycol%	Sample NumberIdeaClient InfoSample DateClient InfoMachine AgemlsClient InfoOil AgemlsClient InfoOil ChangedIdeaClient InfoSample StatusClient InfoTotal Dissolved Solids*VisualTotal Dissolved Solids*VisualBoiling Point°CWC MethodSpecific GravityIdea 0*ASTM D1298pHScale 0-14ASTM D1297NitritesppmAP-053:2009Reserve AlkalinityScale 0.20*ASTM D12121Percentage Glyco%ASTM D321	Sample NumberIdiaClient InfoSample DateClient InfoMachine AgemlsClient InfoOil AgemlsClient InfoOil ChangedIdiaClient InfoSample StatusClient InfoIdiaTotal Dissolved Solids*VisualClearBoiling Point°CWC MethodSpecific GravityIdia*ASTM D1298pHScale 0-14ASTM D1287Reserve AlkalinityScale 0-232009*ASTM D1212Percentage Glyco%ASTM D3221	Sample NumberClient InfoARI06125329Sample DateClient Info21 Mar 2024Machine AgemlsClient Info154632Oil AgemlsClient Info0Oil ChangedIClient InfoN/ASample StatusClient InfoN/ATotal Dissolved SolidsSample Status360.0Coolant AppearanceIVisualClearBoiling Point°CWC Method229Specific GravityIASTM D12981.0778pHScale 0:41ASTM D12878.555NitritesppmAP-053:2009900Reserve AlkalinityScale 0:20*ASTM D1212Percentage Glycol%ASTM D332158.1	Sample NumberClient InfoARIO4625224Sample DateClient Info21 Mar 2024Machine AgemlsClient Info154632Oil AgemlsClient Info154632Oil AgemlsClient Info0Oil ChangedClient InfoN/AN/ASample StatusClient InfoN/AN/ATotal Dissolved SolidsVisualClearnormalTotal Dissolved Solids*VisualClearnormalSpecific Gravity°CWC Method229pHScale 0:14ASTM D12878.558.322NitritesppmAP-053:2009900560Reserve AlkalinityScale 0:20*ASTM D1121Percentage Glycol%ASTM D3221istal571

Carboxylate

Coolant Color

n/a

Red

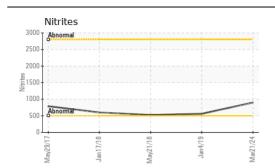
\*Visual

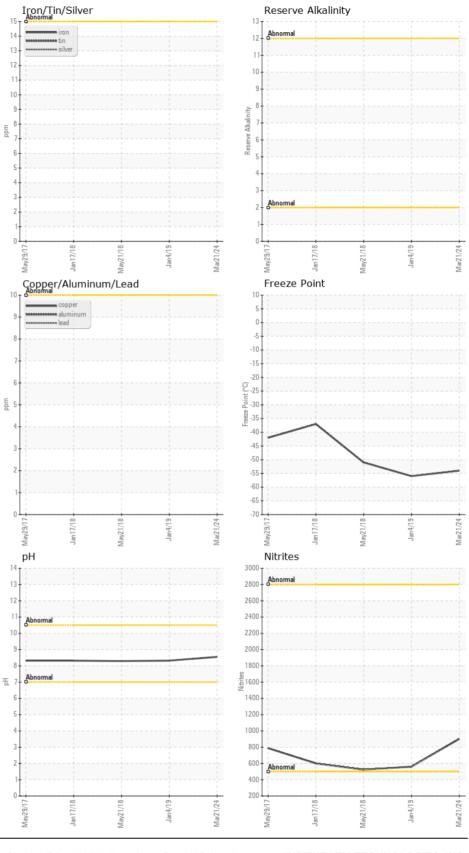
n/a

Red

n/a

Red





: WearCheck USA - 501 Madison Ave., Cary, NC 27513 **INSITUFORM TECHNOLOGIES, INC** Laboratory Sample No. : ARI06125329 Received : 21 Mar 2024 17988 EDISON AVE. Lab Number : 06125329 Tested CHESTERFIELD, MO : 26 Mar 2024 Unique Number : 10939480 : 26 Mar 2024 - Jonathan Hester US 63005 Diagnosed Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType) Contact: JOHN SLOAN Certificate L2367 ARICHTER@INSITUFORM.COM 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. T: (314)280-7555 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

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Contact/Location: JOHN SLOAN - AR5202CHE