# **COOLANT REPORT**

#### Sample Rating Trend





## Area KANSAS/44/EG - EXCAVATOR 20.210L [KANSAS^44^EG - EXCAVATOR] Component Radiator Coolant

CAT DIESEL ENGINE COOLANT (DEAC) (--- GAL)

	GAL)					
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0918406		
Sample Date		Client Info		01 Apr 2024		
Machine Age	hrs	Client Info		9		
Oil Age	hrs	Client Info		9		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method		NEG		
PHYSICAL TEST R	RESULTS	method	limit/base	current	history1	history2
Glycol Type		FT-IR				
Specific Gravity		*ASTM D1298		1.077		
рН	Scale 0-14	ASTM D1287		8.34		
Nitrites	ppm	AP-053:2009		864		
Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Percentage Glycol	%	ASTM D3321		57.9		
Freezing Point	°F	ASTM D3321		-52		
Total Dissolved Solids				366.5		
Carboxylate				fail		
CORROSION INHI	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	120	4		
Phosphorus	ppm	ASTM D6130	0	<1		
Boron	ppm	ASTM D6130		0		
Molybdenum	ppm	ASTM D6130	310	933		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130		0		
Aluminum	ppm	ASTM D6130		0		
Copper	ppm	ASTM D6130		<1		
Lead	ppm	ASTM D6130		<1		
Tin	ppm	ASTM D6130		<1		
Zinc	ppm	ASTM D6130		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		31		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		5379		
Potassium	ppm	ASTM D6130		40		
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		7		
Magnesium	ppm	ASTM D6130		6		
magnoolain	PPIII	10111100100		U		

### DIAGNOSIS

#### Recommendation

The fluid is suitable for further service.

### Wear

All metal levels are normal indicating no corrosion in the cooling system.

#### Contamination

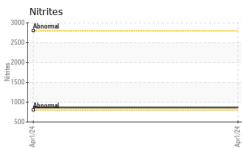
There is no indication of any contamination in the coolant.

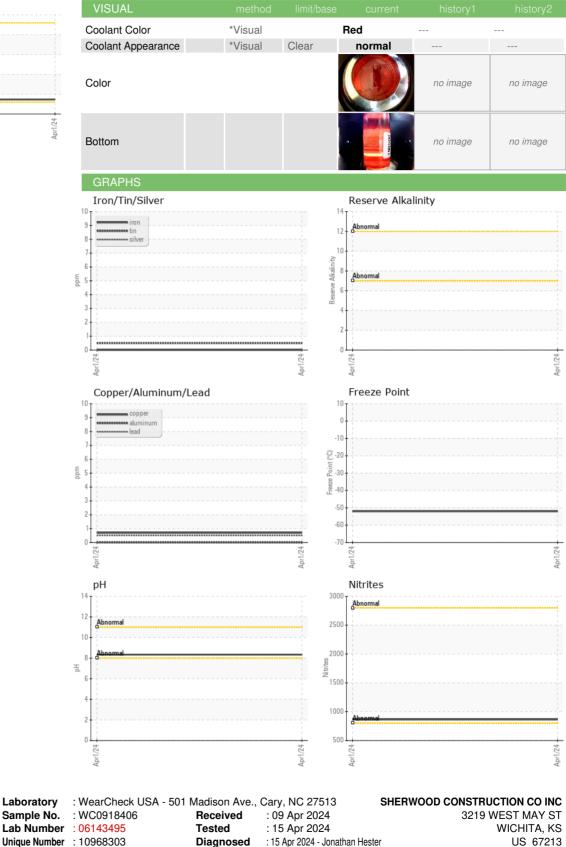
### Fluid Condition

Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.



# **COOLANT REPORT**







Unique Number : 10968303 Diagnosed : 15 Apr 2024 - Jonathan Hester Test Package : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType, ICP ) Contact: BILL ORCUTT Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. william.orcutt@wildcat.net \* - 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)

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Submitted By: KEVIN HOHEISEL Page 2 of 2

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