

# **COOLANT REPORT**

Area BLACKJACK CREEK 18WEA88412 - D-03 (S/N HR002768-10004)

Coolant Fluid

{not provided} (--- LTR)

#### DIAGNOSIS

## Recommendation

The fluid is suitable for further service.

#### Corrosion

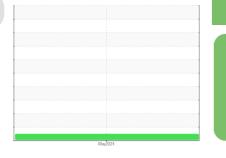
All metal levels are normal indicating no corrosion in the cooling system.

#### Contaminants

There is no indication of any contamination in the coolant.

### **Coolant Condition**

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





NORMAL

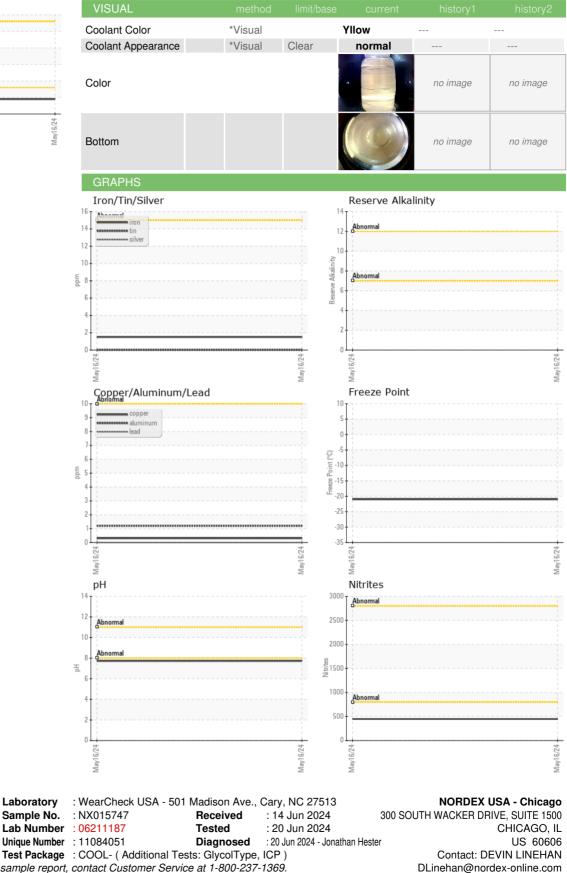
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		NX015747		
Sample Date		Client Info		16 May 2024		
Machine Age	hrs	Client Info		17417022		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2
Glycol Type		FT-IR				
Specific Gravity		*ASTM D1298		1.060		
рН	Scale 0-14	ASTM D1287		7.72		
Nitrites	ppm	AP-053:2009		448		
Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Percentage Glycol	%	ASTM D3321		44.4		
Freezing Point	°F	ASTM D3321		-21		
Total Dissolved Solids				255.5		
Carboxylate				n/a		
CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		2		
Phosphorus	ppm	ASTM D6130		0		
Boron	ppm	ASTM D6130		0		
Molybdenum	ppm	ASTM D6130		147		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	2		
Aluminum	ppm	ASTM D6130	>10	1		
Copper	ppm	ASTM D6130	>10	<1		
Lead	ppm	ASTM D6130	>10	0		
Tin	ppm	ASTM D6130	>10	0		
Zinc	ppm	ASTM D6130		10		
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		3		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		2926		
Potassium	ppm	ASTM D6130		382		
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		<1		
Magnesium	ppm	ASTM D6130		1		

Sample Rating Trend



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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)

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