

COOLANT REPORT

Sample Rating Trend

NORMAL

Area BLACKJACK CREEK [200007683] 27WEA88447 - H-02

Component 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.

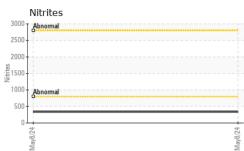
Coolant Condition

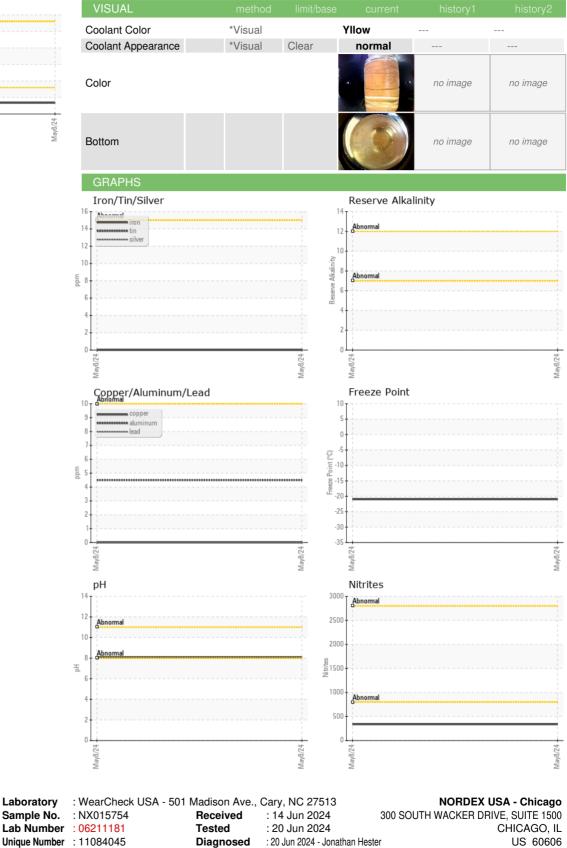
Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

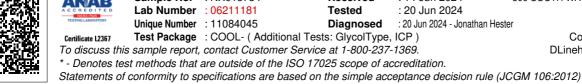
SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		NX015754		
Sample Date		Client Info		08 May 2024		
Machine Age	hrs	Client Info		20038202		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
PHYSICAL TEST R	ESULTS	method	limit/base	current	history1	history2
Glycol Type		FT-IR				
Specific Gravity		*ASTM D1298		1.060		
рН	Scale 0-14	ASTM D1287		8.06		
Nitrites	ppm	AP-053:2009		336		
Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Percentage Glycol	%	ASTM D3321		44.5		
Freezing Point	°F	ASTM D3321		-21		
Total Dissolved Solids				278.5		
Carboxylate				n/a		
CORROSION INHI	BITORS	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		152		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	0		
Aluminum	ppm	ASTM D6130	>10	4		
Copper	ppm	ASTM D6130	>10	0		
Lead	ppm	ASTM D6130	>10	0		
Tin	ppm	ASTM D6130	>10	0		
Zinc	ppm	ASTM D6130		2		
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		4		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		2873		
Potassium	ppm	ASTM D6130		488		
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		2		
Magnesium	ppm	ASTM D6130		2		
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