

COOLANT REPORT

Sample Rating Trend

NORMAL

NOT GIVEN WC0789845 [] Component

Coolant NOT GIVEN (--- GAL)

Recommendation

No corrective action is recommended at this time. 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

Carboxylate test failed. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits.

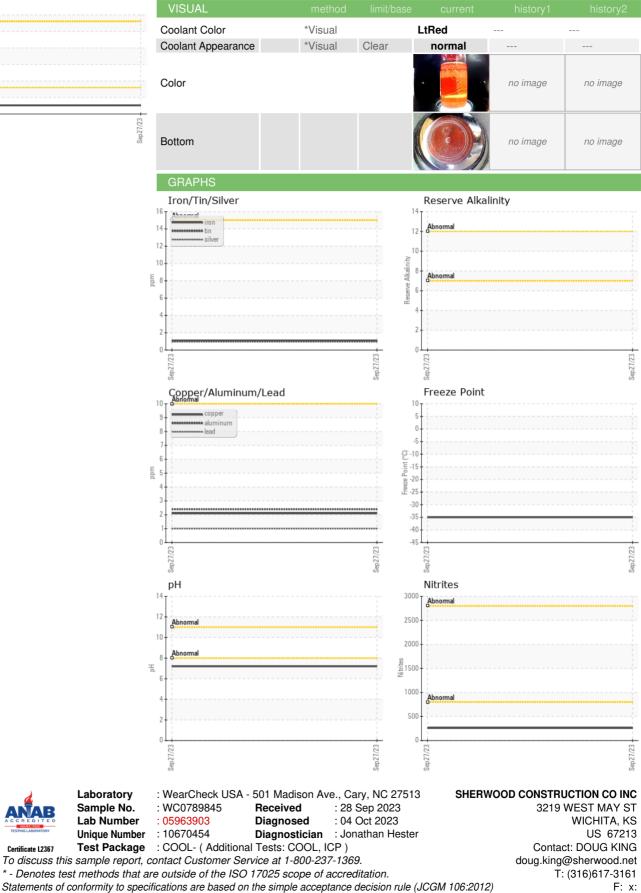
			:	Sep2023		
SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0789845		
Sample Date		Client Info		27 Sep 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
PHYSICAL TEST R	ESULTS	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		1.068		
рН	Scale 0-14	ASTM D1287		7.20		
Nitrites	ppm	AP-053:2009		260		
Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Percentage Glycol	%	ASTM D3321		50.1		
Freezing Point	°F	ASTM D3321		-35		
Total Dissolved Solids				375.0		
Carboxylate				fail		
CORROSION INHI	BITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		14		
Phosphorus	ppm	ASTM D6130		<1		
Boron	ppm	ASTM D6130		11		
Molybdenum	ppm	ASTM D6130		398		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	1		
Aluminum	ppm	ASTM D6130	>10	2		
Copper	ppm	ASTM D6130	>10	2		
Lead	ppm	ASTM D6130	>10	1		
Tin	ppm	ASTM D6130	>10	1		
Zinc	ppm	ASTM D6130		33		
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		20		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		3084		
Potassium	ppm	ASTM D6130		489		
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		6		
Magnesium	ppm	ASTM D6130		8		
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Certificate L2367

Contact/Location: DOUG KING - SHEWIC