

### **COOLANT REPORT**

NORMAL

#### Machine Id

# [] COOLANT - PORT GENSET

Port Coolant

{not provided} (--- GAL)

#### DIAGNOSIS

#### 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.

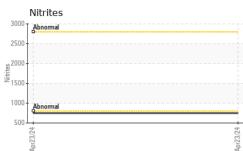
#### **Coolant Condition**

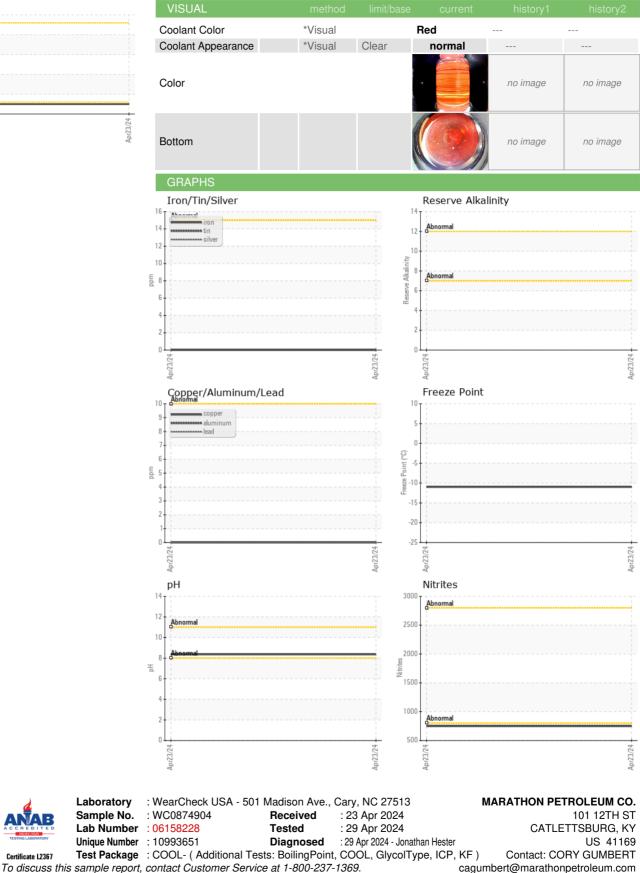
Carboxylate test failed. Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORM	<b>IATION</b>	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0874904		
Sample Date		Client Info		23 Apr 2024		
Machine Age	hrs	Client Info		0		
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		1.053		
рН	Scale 0-14	ASTM D1287		8.36		
Nitrites	ppm	AP-053:2009		748		
Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Percentage Glycol	%	ASTM D3321		39.0		
Freezing Point	°F	ASTM D3321		-11		
Total Dissolved Solids				269.0		
Carboxylate				fail		
CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		12		
Phosphorus	ppm	ASTM D6130		<1		
Boron	ppm	ASTM D6130		9		
Molybdenum	ppm	ASTM D6130		197		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	0		
Aluminum	ppm	ASTM D6130	>10	0		
Copper	ppm	ASTM D6130	>10	0		
Lead	ppm	ASTM D6130	>10	0		
Tin	ppm	ASTM D6130	>10	0		
Zinc	ppm	ASTM D6130		0		
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		18		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		3087		
Potassium	ppm	ASTM D6130		8		
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		17		
Magnesium	ppm	ASTM D6130		4		
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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) Report Id: MARCAT [WUSCAR] 06158228 (Generated: 04/29/2024 12:31:10) Rev: 1

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Certificate 12367

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