

## **COOLANT REPORT**



### Machine Id **62L** Component **Coolant** Fluid **EXTENDED LIFE COOLANT (--- GAL)**

## DIAGNOSIS

## Recommendation

The fluid is suitable for further service. Resample at the next service interval to monitor.

## Corrosion

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

#### Contaminants

There is no indication of any contamination in the coolant.

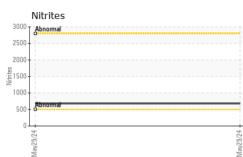
#### **Coolant Condition**

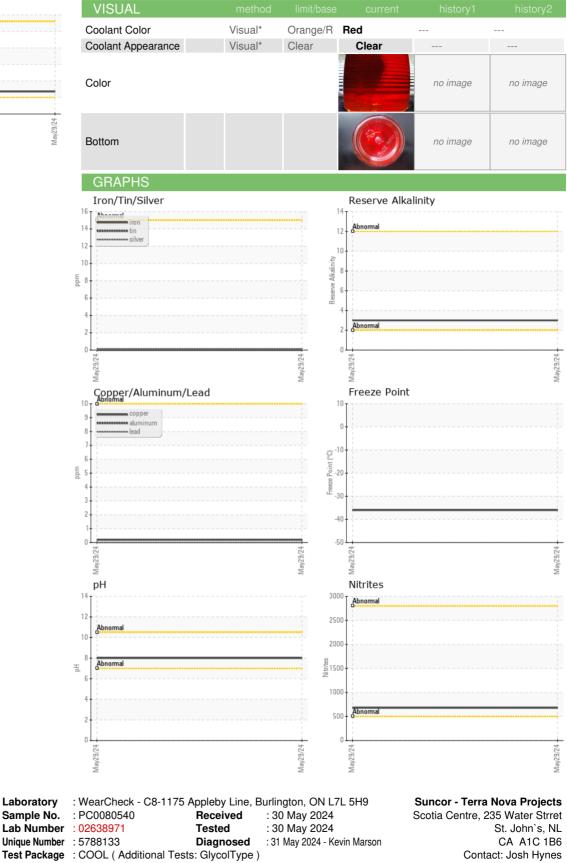
The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PC0080540		
Sample Date		Client Info		29 May 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		UNK		
Specific Gravity		ASTM D1298*		1.067		
рН	Scale 0-14	ASTM D1287*	9.0	8.00		
Nitrites	ppm	Alcan Test Kit*		680		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.0		
Percentage Glycol	%	ASTM D3321*	50	49.6		
Freezing Point	°C	ASTM D3321*	-40	-36		
Carboxylate						
CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		12		
Phosphorus	ppm	ASTM D5185(m)		30		
Boron	ppm	ASTM D5185(m)		26		
Molybdenum	ppm	ASTM D5185(m)		157		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0		
Aluminum	ppm	ASTM D5185(m)	>10	<1		
Copper	ppm	ASTM D5185(m)	>10	<1		
Lead	ppm	ASTM D5185(m)	>10	0		
Tin	ppm	ASTM D5185(m)	>10	0		
Silver	ppm	ASTM D5185(m)	>10	<1		
Zinc	ppm	ASTM D5185(m)		2		
CARRIER SAL	TS	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		4466		
Potassium	ppm	ASTM D5185(m)		4296		
SCALE POTEN	ITIAL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	6		
Magnesium	ppm	ASTM D5185(m)	>40	4		
Hardness	mg/L CaCO3	In-house*	<75	32		



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To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

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