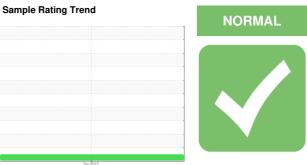


# **COOLANT REPORT**





# 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.

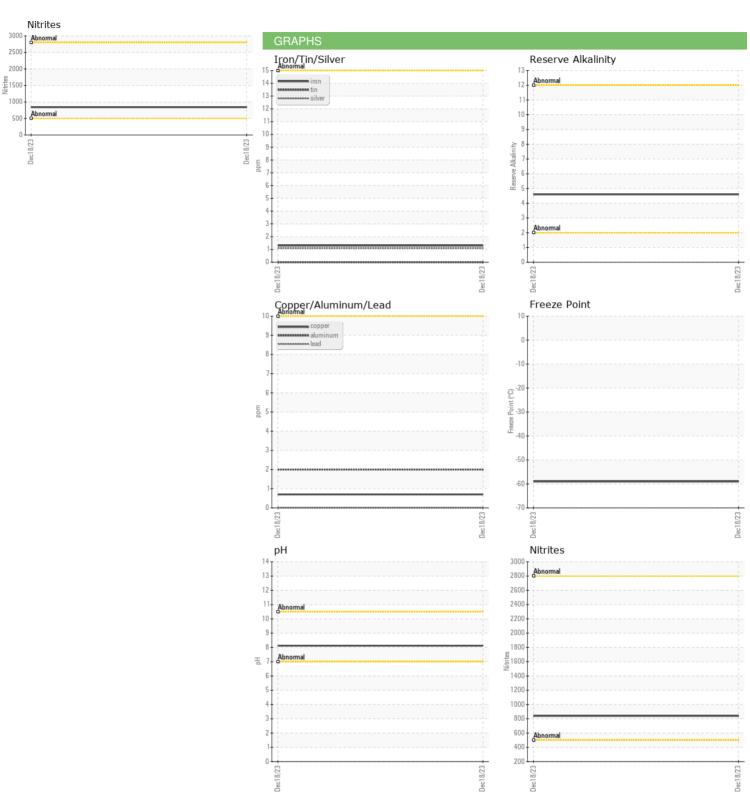
# **Coolant Condition**

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

_ANT ( GAL)				Dec2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0879750		
Sample Date		Client Info		18 Dec 2023		
Machine Age	hrs	Client Info		725		
Dil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*		1.081		
pH ,	Scale 0-14	ASTM D1287*	9.0	8.12		
Nitrites	ppm	Alcan Test Kit*		840		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		4.6		
Percentage Glycol	%	ASTM D3321*	50	61.9		
Freezing Point	°C	ASTM D3321*	-40	-59		
Carboxylate	U	710 1111 20021	10			
CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		24		
Phosphorus	ppm	ASTM D5185(m)		19		
Boron	ppm	ASTM D5185(m)		36		
Molybdenum	ppm	ASTM D5185(m)		734		
-	ррпп		V 1.0			
CORROSION		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185(m)	>15	1		
Aluminum	ppm	ASTM D5185(m)		2		
Copper	ppm	ASTM D5185(m)	>10	<1		
_ead	ppm	ASTM D5185(m)		0		
Γin	ppm	ASTM D5185(m)	>10	0		
Silver	ppm	ASTM D5185(m)	>10	1		
Zinc	ppm	ASTM D5185(m)		2		
CARRIER SALTS	;	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		10317		
Potassium	ppm	ASTM D5185(m)		69		
SCALE POTENTI	IAL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	14		
Magnesium	ppm	ASTM D5185(m)	>40	2		
Hardness	mg/L CaCO3	In-house*	<75	44		
VISUAL		method	limit/base	current	history1	history2
Coolant Color		Visual*	Orange/R	Red		
Coolant Appearance		Visual*	Clear	Clear		
Color					no image	no image
3ottom				2 3 3 C	no image	no image
20:04) Rev: 1			Co	ntact/Location:	Mitch Lamonta	nne - KIRS70KII



# **COOLANT REPORT**





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number Unique Number : 5698561 Test Package : COOL

: WC0879750 : 02605476

Recieved Diagnosed Diagnostician : Kevin Marson

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : 27 Dec 2023

: 28 Dec 2023

Agnico Eagle Canada 1350 Government Rd. W, MACASSA COMPLEX

Kirkland Lake, ON **CA P2N 3J1** Contact: Mitch Lamontagne

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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