

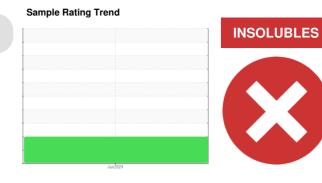
COOLANT REPORT

UNASSIGNED [700017423]

230670

Coolant

HYBRID (HOAT) COOLANT (--- GAL)



DIAGNOSIS

Recommendation

Clean cooling system with an acid-based cleaner according to directions, and flush with water afterwards thoroughly. Refill with 50/50 premix of manufacturer recommended coolant. Resample in 30 days.

Corrosion

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

Contaminants

Hardness is critically elevated. Elevated hardness can allow scale formation that will reduce cooling system effectiveness.

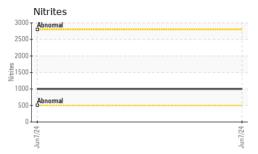
Coolant Condition

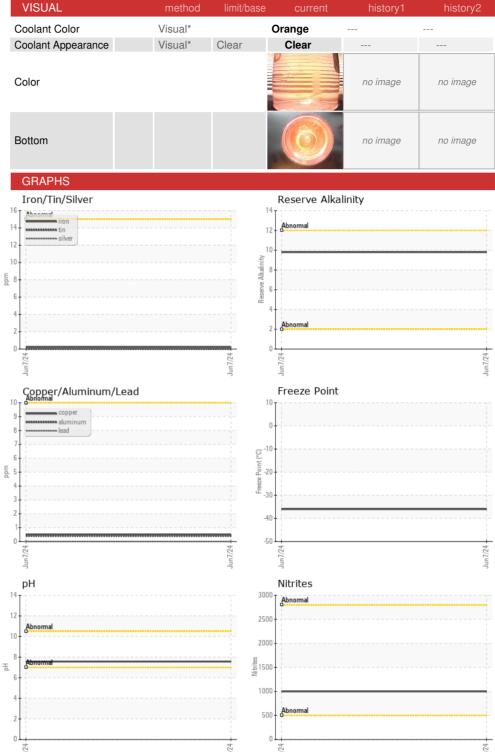
The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0952372		
Sample Date		Client Info		07 Jun 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				SEVERE		
PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2
Glycol Type		FT-IR		UNK		
Specific Gravity		ASTM D1298*		1.066		
pН	Scale 0-14	ASTM D1287*		7.57		
Nitrites	ppm	Alcan Test Kit*		1000		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		9.8		
Percentage Glycol	%	ASTM D3321*		49.1		
Freezing Point	°C	ASTM D3321*		-36		
Carboxylate						
CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		11		
Phosphorus	ppm	ASTM D5185(m)		13		
Boron	ppm	ASTM D5185(m)		1358		
Molybdenum	ppm	ASTM D5185(m)		6		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	<1		
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)		3		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		7544		
Potassium	ppm	ASTM D5185(m)		83		
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	22		
Magnesium	ppm	ASTM D5185(m)	>40	12		
Hardness	mg/L CaCO3	In-house*	<75	104		



COOLANT REPORT







CALA ISO 17025:2017 Accredited Laboratory

Sample No.

Laboratory

Lab Number : 02640877 Unique Number : 5798416

: WC0952372

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : 10 Jun 2024 Received **Tested**

Diagnosed

: 12 Jun 2024

: 12 Jun 2024 - Kevin Marson

Test Package : COOL (Additional Tests: GlycolType) 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.

REGION OF HALTON 1141 LAKESHORE ROAD

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