

COOLANT REPORT

OPGI [151286] 45502932

Component Coolant

NOT GIVEN (--- GAL)

Sample Rating Trend **NORMAL**

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is . Please confirm the coolant type and grade, and specify the brand of the coolant on your next sample.

Corrosion

All component wear rates are normal.

Contaminants

There is no indication of any contamination in the coolant.

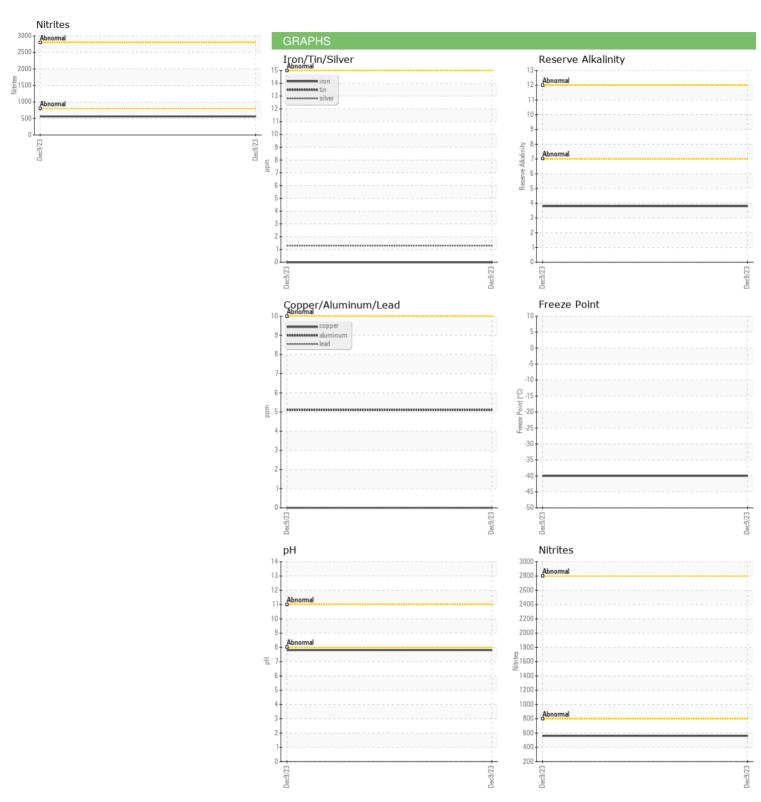
Coolant Condition

The condition of the coolant is acceptable for the time in service.

				Dec2023		
SAMPLE INFORM	/ATION	method	limit/base	current	history1	history2
	MATION		IIIIIIVDase			
Sample Number		Client Info		CU0022388		
Sample Date		Client Info		09 Dec 2023		
Machine Age	hrs	Client Info		14		
Oil 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*		1.070		
pH	Scale 0-14	ASTM D1287*		7.81		
Nitrites	ppm	Alcan Test Kit*		560		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.8		
Percentage Glycol	%	ASTM D3321*		52.2		
Freezing Point	°C	ASTM D3321*		-40		
Carboxylate						
CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		13		
Phosphorus	ppm	ASTM D5185(m)		36		
Boron	ppm	ASTM D5185(m)		17		
Molybdenum	ppm	ASTM D5185(m)		565		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0		
Aluminum	ppm	ASTM D5185(m)	>10	5		
Copper	ppm	ASTM D5185(m)	>10	0		
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)		1		
CARRIER SALTS	;	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		6718		
Potassium	ppm	ASTM D5185(m)		97		
SCALE POTENTI	AL	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	41		
VISUAL	•	method	limit/base	current	history1	history2
Coolant Color		Visual*	- mm/basc	Orange		
Coolant Appearance		Visual*	Clear	Clear		
		Visual	Oleai	Clear		
Color					no image	no image
Bottom				() () () () () () () () () ()	no image	no image



COOLANT REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number Unique Number : 5697604

: CU0022388 : 02604519 Test Package : COOL

Recieved : 20 Dec 2023 Diagnosed : 20 Dec 2023

Diagnostician : Wes Davis

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CUMMINS CANADA ULC - GENERATOR DIVISION 7175 PACIFIC CIRCLE MISSISSAUGA, ON CA L5T 2A5

Contact: Elisia Johnson elisia.johnson@cummins.com T: (905)795-0050

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.

F: (905)795-9252 Contact/Location: Elisia Johnson - CUMMISGEN