

# **COOLANT REPORT**

Sample Rating Trend **APPEARANCE** 



# KUBOTA R420 OR88

Component

Coolant

**CONVENTIONAL COOLANT (--- LTR)** 

### **DIAGNOSIS**

#### Recommendation

The coolant change at the time of sampling has been noted. 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**

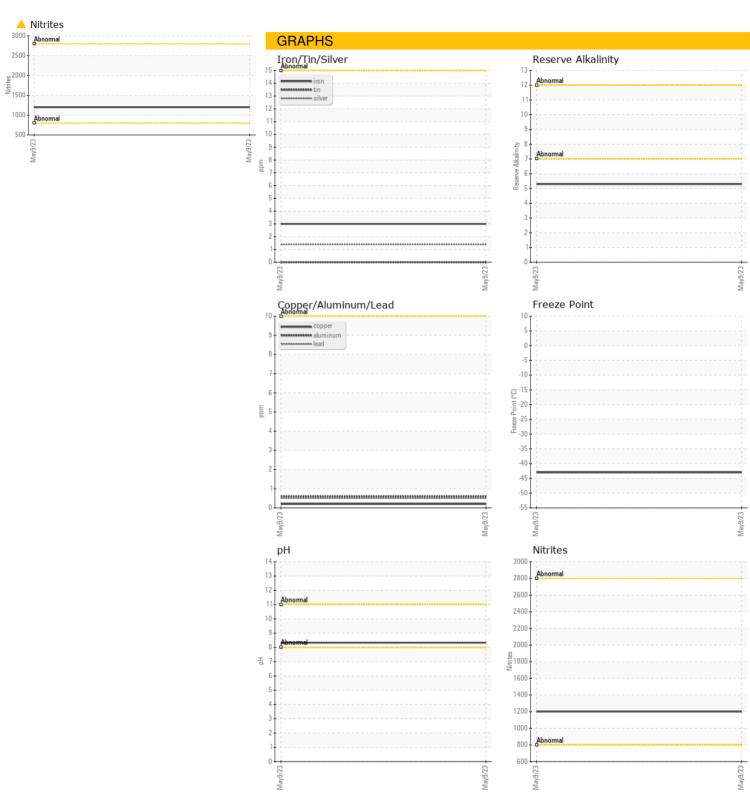
The coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits.

				May2023		
SAMPLE INFORM	<b>MATION</b>	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0082109		
Sample Date		Client Info		09 May 2023		
Machine Age	hrs	Client Info		4321		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
PHYSICAL TEST R	ESULTS	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*		1.071		
pH	Scale 0-14	ASTM D1287*	9.5	8.33		
Nitrites	ppm	Alcan Test Kit*	1500	1200		
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	5.3		
Percentage Glycol	%	ASTM D3321*	50	53.1		
Freezing Point	°C	ASTM D3321*	-40	-43		
Carboxylate						
CORROSION INHI	RITORS	method	limit/base	current	history1	history2
Silicon			III III Dasc	49	Thistory	Thistory
	ppm	ASTM D5185(m) ASTM D5185(m)		28		
Phosphorus Boron	ppm	ASTM D5185(m)		467		
	ppm	\ /		77		
Molybdenum	ppm	ASTM D5185(m)		- 77		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	3		
Aluminum	ppm	ASTM D5185(m)	>10	<1		
Copper	ppm	ASTM D5185(m)	>10	<1		
Lead	ppm	ASTM D5185(m)	>10	<1		
Tin	ppm	ASTM D5185(m)	>10	0		
Silver	ppm	ASTM D5185(m)	>10	1		
Zinc	ppm	ASTM D5185(m)		0		
CARRIER SALT	TS	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		8157		
Potassium	ppm	ASTM D5185(m)		271		
SCALE POTEN	ITIAL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	12		
Magnesium	ppm	ASTM D5185(m)	>40	1		
Hardness	mg/L CaCO3	In-house*	<75	34		
VISUAL		method	limit/base	current	history1	history2
Coolant Color		Visual*	Green	Pink		
Coolant Appearance		Visual*	Clear	Very cld		
Color					no image	no image
Bottom					no image	no image

Contact/Location: Martin St-Pierre - GFL527



## **COOLANT REPORT**





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number Unique Number : 5632588

: 02579528

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : GFL0082109

Test Package : COOL

Received : 30 Aug 2023 Diagnosed : 31 Aug 2023

Diagnostician : Kevin Marson

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.

GFL Environmental - 527 449 Feldman Rd.

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