

# **COOLANT REPORT**

VISUAL

Color

**Bottom** 

Coolant Color

Coolant Appearance

Sample Rating Trend

**SCAS** 



# MITSUBISHI 1714 - LITTLE RIVER GEN SET #2 AFTER COOLER

Component

Coolant

**CONVENTIONAL COOLANT (--- GAL)** 

### **DIAGNOSIS**

#### Recommendation

We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's recommendations. Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry updates.

### 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 reserve alkalinity of this fluid is lower than acceptable. The low nitrite level indicates reduced cavitation protection which leads to corrosion and ammonia formation. The pH level of this fluid is within the acceptable limits.

ET #2 AFTER CO	OLER					
				Nov2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0876644		
Sample Date		Client Info		15 Nov 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
PHYSICAL TEST R	ESULTS	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*		1.063		
pH	Scale 0-14	ASTM D1287*	9.5	8.15		
Nitrites	ppm	Alcan Test Kit*	1500	<b>640</b>		
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	<b>△</b> 3.0		
Percentage Glycol	%	ASTM D3321*	50	46.2		
Freezing Point	°C	ASTM D3321*	-40	-26		
Carboxylate						
CORROSION INHI	BITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		2		
Phosphorus	ppm	ASTM D5185(m)		9		
Boron	ppm	ASTM D5185(m)		15		
Molybdenum	ppm	ASTM D5185(m)		<1		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0		
Aluminum	ppm	ASTM D5185(m)	>10	0		
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)		33		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		174		
Potassium	ppm	ASTM D5185(m)		771		
SCALE POTENTIA	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	2		
Magnesium	ppm	ASTM D5185(m)	>40	2		
Hardness	mg/L CaCO3	In-house*	<75	12		

limit/base

Green

Clear

method

Visual\*

Visual\*

current

Green

Clear

history1

no image

no image

Contact/Location: Ken Olesen - LIGAMH

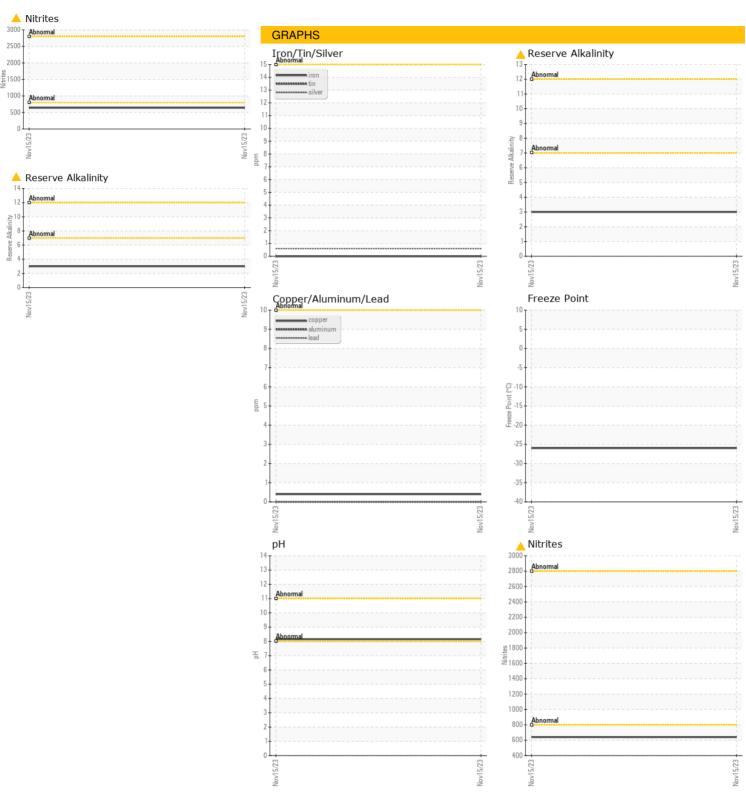
history2

no image

no image



## **COOLANT REPORT**





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number

Unique Number : 5694809 Test Package : COOL

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : WC0876644 : 02601724

Recieved : 07 Dec 2023 Diagnosed : 08 Jan 2024 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.

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