

COOLANT REPORT

Machine Id 1715 - LOU ROMANO WATER RECLAMATION PLANT - AFTER COOLER

Component

Coolant

EXTENDED LIFE COOLANT (--- GAL)

Recommendation

The fluid is suitable for further service. 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 nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

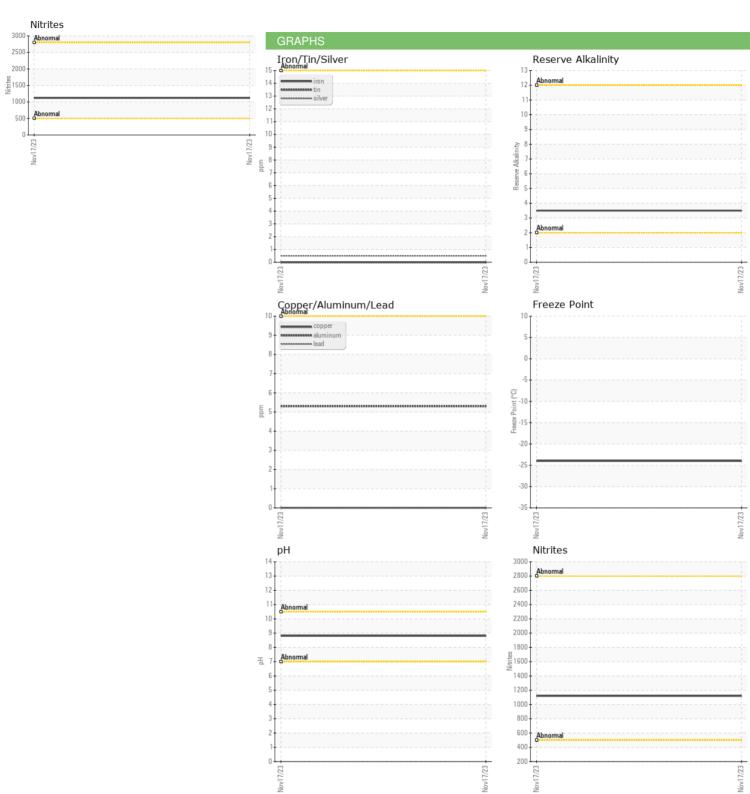
Samp	le Rating Trend	NC	NORMAL		
	Nov20	23			
thod			history1	history	

				Nov2023		
SAMPLE INFORM	ΙΔΤΙΩΝ	method	limit/base	current	history1	history2
	IATION		IIIIII/Dase			
Sample Number		Client Info		WC0876647		
Sample Date	laa	Client Info		17 Nov 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
PHYSICAL TEST R	ESULTS	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*		1.062		
pH	Scale 0-14	ASTM D1287*	9.0	8.81		
Nitrites	ppm	Alcan Test Kit*		1120		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.5		
Percentage Glycol	%	ASTM D3321*	50	45.4		
Freezing Point	°C	ASTM D3321*	-40	-24		
Carboxylate						
CORROSION INHI	BITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		7		
Phosphorus	ppm	ASTM D5185(m)		4		
Boron	ppm	ASTM D5185(m)		11		
Molybdenum	ppm	ASTM D5185(m)		463		
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)	>10	0		
	рріп					
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		6394		
Potassium	ppm	ASTM D5185(m)		105		
SCALE POTENTIA	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	7		
Magnesium	ppm	ASTM D5185(m)	>40	1		
Hardness	mg/L CaCO3	In-house*	<75	23		
VISUAL		method	limit/base	current	history1	history2
Coolant Color		Visual*	Orange/R	Red		
Coolant Appearance		Visual*	Clear	Clear		
Color					no image	no image
Bottom					no image	no image

Contact/Location: Ken Olesen - LIGAMH



COOLANT REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number Unique Number : 5694805

Test Package : COOL

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : WC0876647 : 02601720

Recieved Diagnosed

: 07 Dec 2023 : 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.

Lighthouse Electric 6714 6th Conc South Amherstburg, ON CA N9V 0C8 Contact: Ken Olesen

kolesen.lighthouse@gmail.com T: (519)730-1310

F: (519)730-1310