

COOLANT REPORT

{UNASSIGNED} **KOHLER Nature Fresh DC 13** Component

Coolant

HYBRID (HOAT) COOLANT (--- GAL)

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) HYBRID (HOAT) COOLANT. Please confirm.

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.



Sample Rating Trend



NORMAL

				Aug2023		
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0849200		
Sample Date		Client Info		23 Aug 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
PHYSICAL TEST F	ESULTS	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*		1.067		
pН	Scale 0-14	ASTM D1287*		7.16		
Nitrites	ppm	Alcan Test Kit*		280		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.5		
Percentage Glycol	%	ASTM D3321*		49.4		
Freezing Point	°C	ASTM D3321*		-33		
Carboxylate						
CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		33		
Phosphorus	ppm	ASTM D5185(m)		46		
Boron	ppm	ASTM D5185(m)		7		
Molybdenum	ppm	ASTM D5185(m)		130		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	4		
Aluminum	ppm	ASTM D5185(m)	>10	2		
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)		0		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		1786		
Potassium	ppm	ASTM D5185(m)		5545		
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	5		
Magnesium	ppm	ASTM D5185(m)	>40	1		
Hardness	mg/L CaCO3	In-house*	<75	17		
VISUAL		method	limit/base	current	history1	history2
Coolant Color		Visual*		Yellow		
Coolant Appearance		Visual*	Clear	Clear		
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Bottom

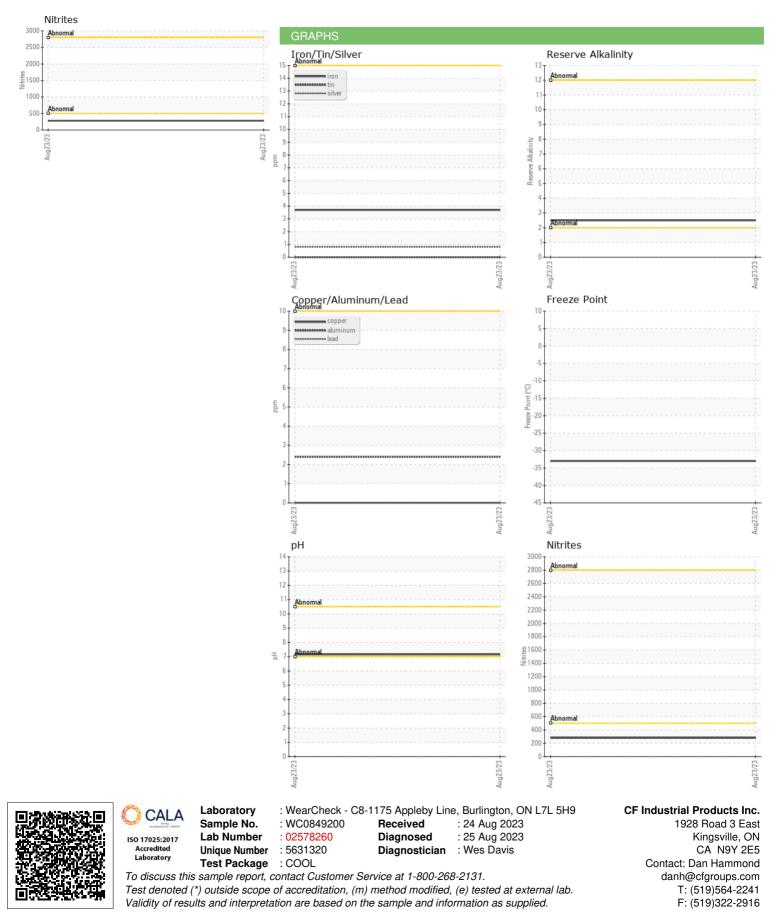
Submitted By: Dan Hammond

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