

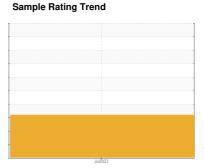
COOLANT REPORT

Area {UNASSIGNED} Machine Id KOHLER Nature Fresh Phase 4 11

Component

Coolant

HYBRID (HOAT) COOLANT (--- GAL)





DIAGNOSIS

Recommendation

We recommend that you perform a partial drain and top off with straight water to decrease abnormal level of overconcentrated antifreeze. 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

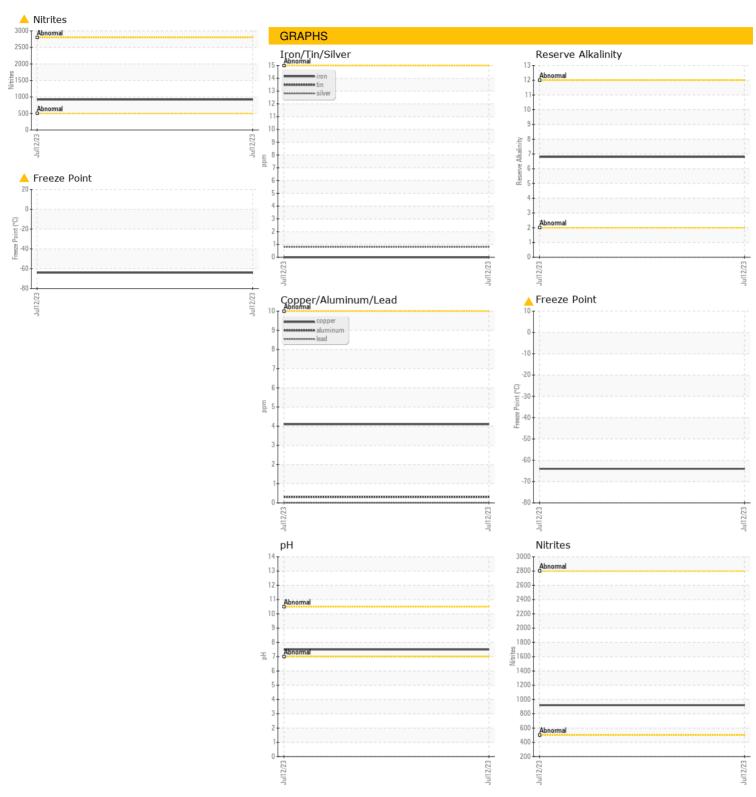
The nitrite level is acceptable. The glycol level is too high which leads to over-heating and additive dropout. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

				Jul2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0849199		
Sample Date		Client Info		12 Jul 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*		1.085		
рН	Scale 0-14	ASTM D1287*		7.50		
Nitrites	ppm	Alcan Test Kit*		920		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		6.8		
Percentage Glycol	%	ASTM D3321*		△ 65.8		
Freezing Point	°C	ASTM D3321*		<u> </u> -64		
Carboxylate						
CORROSION INH	IRITORS	method	limit/base	current	history1	history2
Silicon			mini basc			
Phosphorus	ppm	ASTM D5185(m) ASTM D5185(m)		10 7		
Boron	ppm	. ,		841		
	ppm	ASTM D5185(m)		_		
Molybdenum	ppm	ASTM D5185(m)		129		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0		
Aluminum	ppm	ASTM D5185(m)	>10	<1		
Copper	ppm	ASTM D5185(m)	>10	4		
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)		5864		
Potassium	ppm	ASTM D5185(m)		2074		
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	15		
VISUAL		method	limit/base	current	history1	history2
Coolant Color		Visual*		Pink		
Coolant Appearance		Visual*	Clear	Clear		
Color					no image	no image
Bottom					no image	no image

Submitted By: Dan Hammond



COOLANT REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number

: WC0849199

: 02578258 Unique Number : 5631318 Test Package : COOL

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 24 Aug 2023 Diagnosed : 28 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.

CF Industrial Products Inc.

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