

COOLANT REPORT

[450185704]
Machine Id
TB-04003-16L

Component

Coolant

EXTENDED LIFE COOLANT (--- GAL)

Sample Rating Trend NO Aug/2023



DIAGNOSIS

Recommendation

The fluid is suitable for further service. 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

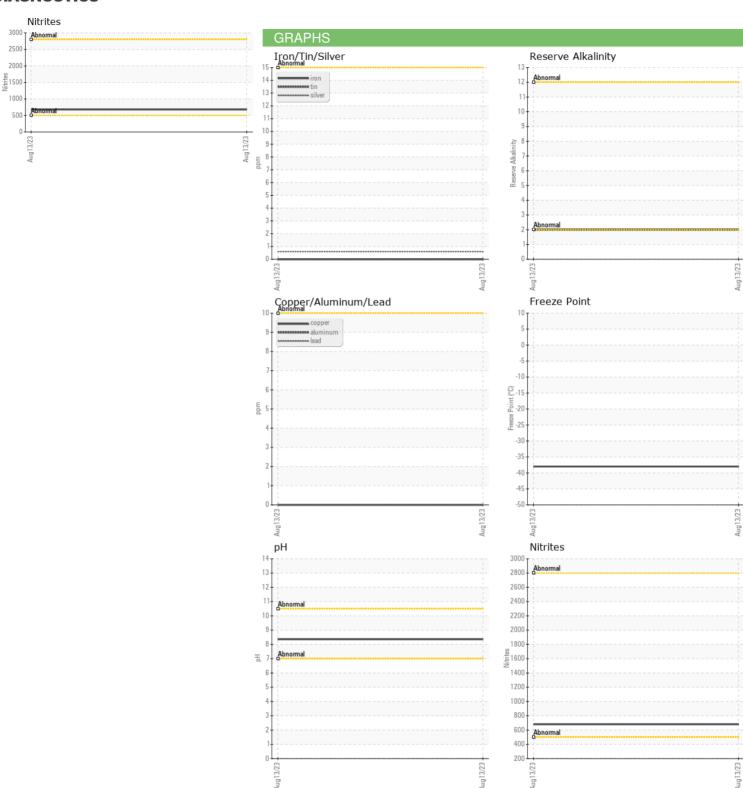
The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

				Aug 2023		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PC		
Sample Date		Client Info		13 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	RESULTS	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*		1.069		
pH	Scale 0-14	ASTM D1287*	9.0	8.36		
Nitrites	ppm	Alcan Test Kit*		680		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.0		
Percentage Glycol	%	ASTM D3321*	50	51.6		
Freezing Point	°C	ASTM D3321*	-40	-38		
Carboxylate						
CORROSION INH	IIBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		9		
Phosphorus	ppm	ASTM D5185(m)		17		
Boron	ppm	ASTM D5185(m)		21		
Molybdenum	ppm	ASTM D5185(m)		181		
CORROSION	ppiii		limit/base		historyd	history?
		method		current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0		
Aluminum	ppm	ASTM D5185(m)		0		
Copper	ppm	ASTM D5185(m)	>10	0		
Lead	ppm	ASTM D5185(m)		0		
Tin	ppm	ASTM D5185(m)	>10	0		
Silver	ppm	ASTM D5185(m)	>10	<1		
Zinc	ppm	ASTM D5185(m)		0		
CARRIER SAL	.TS	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		6073		
Potassium	ppm	ASTM D5185(m)		8067		
SCALE POTE	NTIAL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	10		
Magnesium	ppm	ASTM D5185(m)	>40	3		
Hardness	mg/L CaCO3	In-house*	<75	37		
VISUAL		method	limit/base	current	history1	history2
Coolant Color		Visual*	Orange/R	Orange		
Coolant Appearance		Visual*	Clear	Clear		
Color					no image	no image
Bottom					no image	no image

Contact/Location: Deanne Badcock - TERHAM



COOLANT REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number

: PC : 02582340

Unique Number : 5643405 Test Package : COOL

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 13 Sep 2023 Diagnosed : 14 Sep 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.

Suncor - Terra Nova Projects

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