

Area [132366] Machine Id WINDSOR

Component

COOLANT REPORT

Sample Rating Trend







Coolant Fluid EXTENDED LIFE COOLANT (--- GAL)

DIAGNOSIS

Recommendation

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

Corrosion

All component wear rates are normal.

Contaminants

There is no indication of any contamination in the coolant.

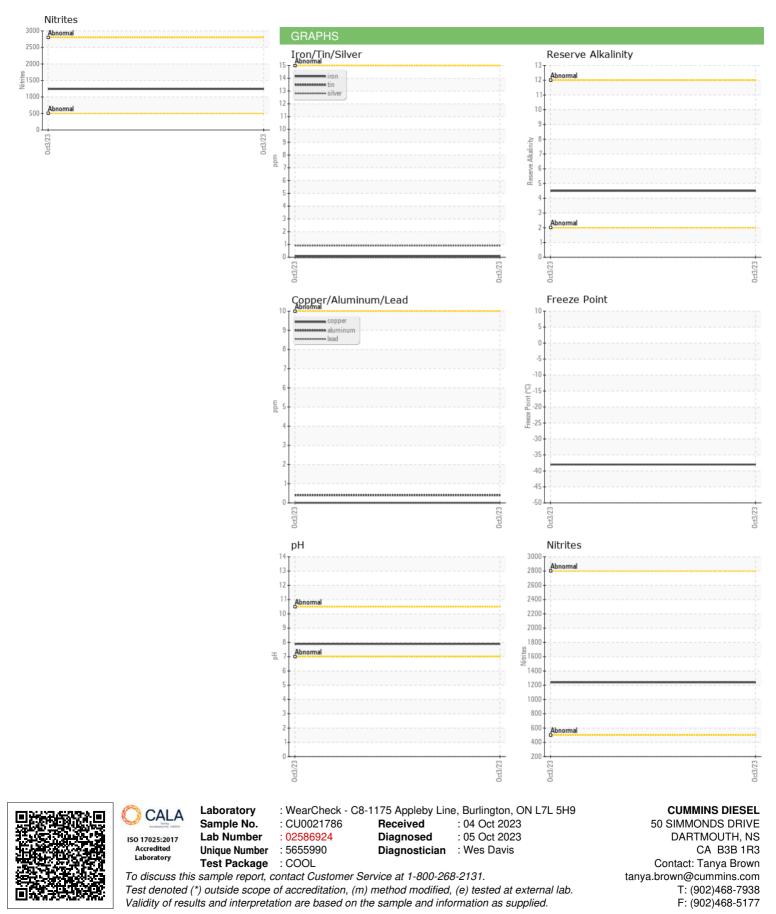
Coolant Condition

The condition of the coolant is acceptable for the time in service.

SAMPLE INFORI	MATION	method	limit/base	current	history1	history2	
Sample Number		Client Info		CU0021786			
Sample Date		Client Info		03 Oct 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	7.89			
Nitrites	ppm	Alcan Test Kit*		1240			
Reserve Alkalinity	Scale 0-20	ASTM D1121*		4.5			
Percentage Glycol	%	ASTM D3321*	50	51.7			
Freezing Point	°C	ASTM D3321*	-40	-38			
Carboxylate							
CORROSION INF	IIBITORS	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)		39			
Phosphorus	ppm	ASTM D5185(m)		87			
Boron	ppm	ASTM D5185(m)		389			
Molybdenum	ppm	ASTM D5185(m)		184			
CORROSION		method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>15	<1			
Aluminum	ppm	ASTM D5185(m)	>10	<1			
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)		<1			
Zinc	ppm	ASTM D5185(m)		0			
CARRIER SALTS	\$	method	limit/base	current	history1	history2	
Sodium	ppm	ASTM D5185(m)		7198			
Potassium	ppm	ASTM D5185(m)		844			
SCALE POTENT	IAL	method	limit/base	current	history1	history2	
Calcium	ppm	ASTM D5185(m)	>100	7			
Magnesium	ppm	ASTM D5185(m)	>40	2			
Hardness	mg/L CaCO3	In-house*	<75	23			
VISUAL		method	limit/base	current	history1	history2	
Coolant Color		Visual*	Orange/R	Blue			
Coolant Appearance		Visual*	Clear	Clear			
Color					no image	no image	
Bottom				(?)	no image	no image	
:37:33) Rev: 1	7:33) Rev: 1 Contact/Location: Tanya Brown - CUMDAF						



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Contact/Location: Tanya Brown - CUMDAR