

H00150358

Area [148450]

Component

## **COOLANT REPORT**

Sample Rating Trend







Coolant Fluid **EXTENDED LIFE 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) 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 INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		CU0021216		
Sample Date		Client Info		15 Oct 2023		
Machine Age	hrs	Client Info		522		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*		1.068		
pH	Scale 0-14	ASTM D1287*	9.0	8.77		
Nitrites	ppm	Alcan Test Kit*	0.0	1200		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		6.1		
Percentage Glycol	%	ASTM D3321*	50	50.9		
Freezing Point	°C	ASTM D3321*	-40	-35		
Carboxylate	U	ACTIVI DOULT	70			
-						
CORROSION INH	IIBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		57		
Phosphorus	ppm	ASTM D5185(m)		1180		
Boron	ppm	ASTM D5185(m)		234		
Molybdenum	ppm	ASTM D5185(m)		345		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0		
Aluminum	ppm	ASTM D5185(m)	>10	4		
Copper	ppm	ASTM D5185(m)	>10	0		
Lead	ppm	ASTM D5185(m)	>10	2		
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)		1497		
Potassium	ppm	ASTM D5185(m)		8053		
SCALE POTENT		method	limit/base	ourropt	biotory(1	bioton/2
				current	history1	history2
Calcium	ppm	ASTM D5185(m)		3		
Magnesium	ppm	ASTM D5185(m)	>40	0		
Hardness	mg/L CaCO3	In-house*	<75	7		
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
:26:37) Rev: 1			Contac	t/Location: Zan	eef Abboobakar	- CUMMISGEN



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Contact/Location: Zaneef Abboobakar - CUMMISGEN