

COOLANT REPORT

SCAS

Machine Id 0J031583 Component

Coolant Elui **EXTENDED LIFE COOLANT (--- GAL)**

DIAGNOSIS

Recommendation

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 reserve alkalinity of this fluid is lower than acceptable. The low nitrite level indicates reduced cavitation protection which leads to corrosion and ammonia formation. The pH level of this fluid is within the acceptable limits.

				Oct2023		
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0869255		
Sample Date		Client Info		18 Oct 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2
Specific Gravity		ASTM D1298*		1.069		
pН	Scale 0-14	ASTM D1287*	9.0	8.11		
Nitrites	ppm	Alcan Test Kit*		<u> </u>		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<u> </u>		
Percentage Glycol	%	ASTM D3321*	50	51.1		
Freezing Point	°C	ASTM D3321*	-40	-38		
Carboxylate						
CORROSION INH	BITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		81		
Phosphorus	ppm	ASTM D5185(m)		56		
Boron	ppm	ASTM D5185(m)		25		
Molybdenum	ppm	ASTM D5185(m)		3		
CORROSION	ррпі		11	-	In the term of	history O
			limit/base		history1	history2
lron	ppm	ASTM D5185(m)	>15	2		
Aluminum	ppm	ASTM D5185(m)	>10	<1		
Copper	ppm	ASTM D5185(m)	>10	0		
Lead	ppm	ASTM D5185(m)	>10	9		
Tin	ppm	ASTM D5185(m)	>10	0		
Silver	ppm	ASTM D5185(m)	>10	2		
Zinc	ppm	ASTM D5185(m)		4		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		1374		
Potassium	ppm	ASTM D5185(m)		3666		
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	8		
Magnesium	ppm	ASTM D5185(m)	>40	2		
Hardness	mg/L CaCO3	In-house*	<75	27		
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
14·13) Rev: 1			C	antact/Legation:	BRENDA PINS	

Contact/Location: BRENDA PINSENT - GENNEP



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