

Machine Id 0J030439

COOLANT REPORT

Sample Rating Trend







Component 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		WC08577572		
Sample Date		Client Info		26 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*		1.065		
pН	Scale 0-14	ASTM D1287*	9.0	8.51		
Nitrites	ppm	Alcan Test Kit*		440		
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.9		
Percentage Glycol	%	ASTM D3321*	50	48.5		
Freezing Point	°C	ASTM D3321*	-40	-31		
Carboxylate						
CORROSION INH	IIBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		83		
Phosphorus	ppm	ASTM D5185(m)		133		
Boron	ppm	ASTM D5185(m)		15		
Molybdenum	ppm	ASTM D5185(m)		116		
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	<1		
Lead	ppm	ASTM D5185(m)	>10	<1		
Tin	ppm	ASTM D5185(m)	>10	0		
Silver	ppm	ASTM D5185(m)	>10	3		
Zinc	ppm	ASTM D5185(m)		3		
CARRIER SALTS	;	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		1645		
Potassium	ppm	ASTM D5185(m)		5310		
SCALE POTENT	IAL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	6		
Magnesium	ppm	ASTM D5185(m)	>40	2		
Hardness	mg/L CaCO3	In-house*	<75	22		
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
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Report Id: GENNEP [WCAMIS] 02592491 (Generated: 11/02/2023 16:10:04) Rev: 1



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