

COOLANT REPORT

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Machine Id CN7452-C02 Component Coolant Fluid CONVENTIONAL COOLANT (--- GAL)

DIAGNOSIS

Recommendation

The fluid is suitable for further service. Hardness: 5. Boil point: 229 degrees F. Please note that this is a corrected report to update diagnostic comments and include hardness and boil point results.

Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

Contaminants

There is no indication of any contamination in the coolant.

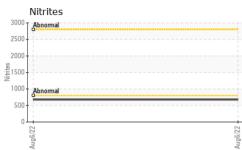
Coolant Condition

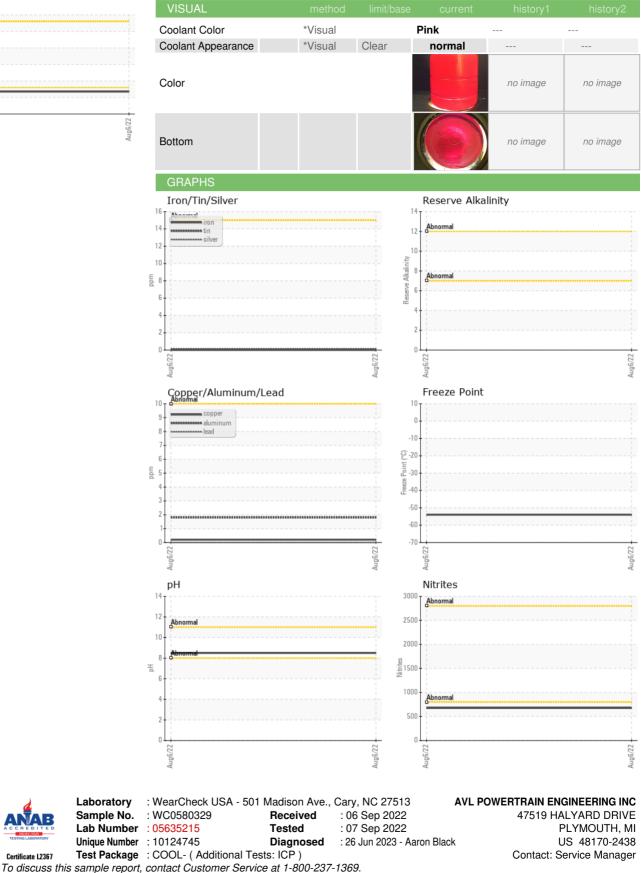
Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

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SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0580329		
Sample Date		Client Info		06 Aug 2022		
Machine Age	kms	Client Info		0		
Oil Age	kms	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
PHYSICAL TEST R	ESULTS	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		1.078		
pН	Scale 0-14	ASTM D1287		8.49		
Nitrites	ppm	AP-053:2009		676		
Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Percentage Glycol	%	ASTM D3321		58.4		
Freezing Point	°F	ASTM D3321		-54		
Total Dissolved Solids				773.5		
Carboxylate				pass		
CORROSION INHI	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		19		
Phosphorus	ppm	ASTM D6130		0		
Boron	ppm	ASTM D6130		24		
Molybdenum	ppm	ASTM D6130		78		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	0		
Aluminum	ppm	ASTM D6130	>10	2		
Copper	ppm	ASTM D6130	>10	<1		
Lead	ppm	ASTM D6130	>10	0		
Tin	ppm	ASTM D6130	>10	<1		
Zinc	ppm	ASTM D6130		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		20		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		603		
Potassium	ppm	ASTM D0130		5000		
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		2		
Magnesium	ppm	ASTM D6130		<1		



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* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Certificate 12367

Contact/Location: Service Manager - AVLPLYWC

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