

## **COOLANT REPORT**

#### Sample Rating Trend







Machine Id HBKGPBL03 Component Coolant Fluid

### **CONVENTIONAL COOLANT (--- GAL)**

#### DIAGNOSIS

#### Recommendation

The fluid is suitable for further service.

#### 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**

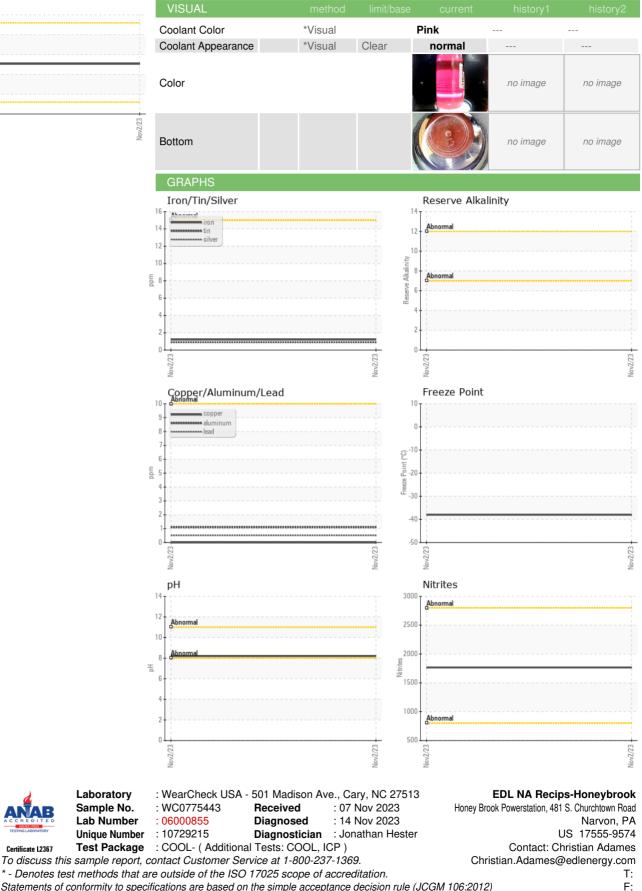
Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

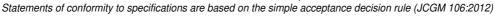
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0775443		
Sample Date		Client Info		02 Nov 2023		
Machine Age	hrs	Client Info		32468		
Oil Age	hrs	Client Info		1000		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
PHYSICAL TEST R	ESULTS	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		1.069		
pН	Scale 0-14	ASTM D1287		8.19		
Nitrites	ppm	AP-053:2009		1765		
Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Percentage Glycol	%	ASTM D3321		51.0		
Freezing Point	°F	ASTM D3321		-38		
Total Dissolved Solids				244.0		
Carboxylate				n/a		
CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		83		
Phosphorus	ppm	ASTM D6130		90		
Boron	ppm	ASTM D6130		348		
Molybdenum	ppm	ASTM D6130		25		
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	1		
Aluminum	ppm	ASTM D6130	>10	1		
Copper	ppm	ASTM D6130	>10	0		
Lead	ppm	ASTM D6130	>10	<1		
Tin	ppm	ASTM D6130	>10	<1		
Zinc	ppm	ASTM D6130		0		
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		4		
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		2122		
Potassium	ppm	ASTM D6130		233		
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		<1		
Magnesium	ppm	ASTM D6130		1		



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Certificate L2367