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## MINIMUM SEAL WATER QUALITY REQUIREMENTS

### (304 & 316 Stainless Steel Rotor & Cones)

Temperature: .....<100°F  
pH:.....>5.5  
Chlorides and Sulfates: .....<200 ppm  
Hardness:.....<300 ppm Calcium Carbonate  
Total Dissolved Solids: .....<1000 ppm  
Total Suspended Abrasive Solids<sub>1</sub>: .....<250 ppm, < 1000 micron size  
Total Suspended Soft Solids<sub>2</sub>:.....<3 pounds/1000 gallons 360 ppm

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### (Cast Iron Rotor & Cones)

Temperature: .....<100°F  
pH:.....>6.2  
Chlorides and Sulfates: .....<50 ppm and 100 ppm  
Hardness:.....<300 ppm Calcium Carbonate  
Total Dissolved Solids: .....<1000 ppm  
Total Suspended Abrasive Solids<sub>1</sub>: .....<250 ppm, < 1000 micron size  
Total Suspended Soft Solids<sub>2</sub>:.....<3 pounds/1000 gallons 360 ppm

<sub>1</sub> sand, silt

<sub>2</sub> short fibers, felt “hairs”