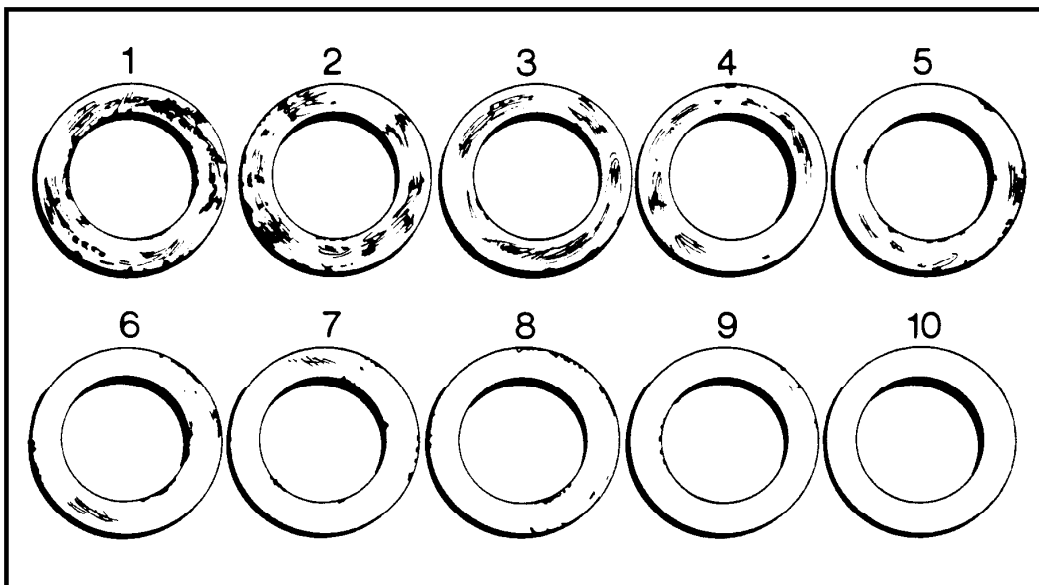


# Blackstone~NEY Ultrasonics

## Ceramic Ring test for Ultrasonic Performance

In order to verify the proper functional performance of your system, you need a Performance Kit (Part No. 4050114)\*, which consists of five ceramic rings, five pencils and a bottle of Water Wetter. Use the following procedure.

1. Fill the cleaning tank with water. Note - Using hot water reduces the time required for heating and shortens the length of time required for the test.
2. Add approximately .5 ounces of Water Wetter per gallon of water.
3. Bring the water to operating temperature (normally 130°F - 170°F).
4. Using a pencil supplied with the kit, coat the smooth side of each of the five ceramic rings with pencil lead. Cover at least 95% of the surface of each ring.
5. Place the rings face up in an "X" pattern in the cleaning basket. One ring should be in the center of the basket and the others approximately 1-inch in from each corner.
6. De-gas the liquid in the tank by operating the ultrasonics continuously for 10 minutes.
7. Turn OFF the ultrasonics and allow the system to settle for 30 seconds.
8. Turn ON the ultrasonics and lower the basket into the tank. Start timing as soon as the ceramic rings are immersed in the liquid.
9. Gently move the basket up and down approximately ½-inch (1-cm) for thirty seconds.
10. After 30 seconds, turn the ultrasonics OFF and remove the basket.
11. Compare each ring with the comparison chart below and grade the rings accordingly.
12. Add the five scores together. A minimum total score of 30 is acceptable.



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