



Tobar, Inc.
Seals for Industry

100 Hour Compound Upgrade Testing

Tobar, Inc has the unique ability to test our rotary shaft seals to our customer's specification. To demonstrate performance, we have been asked by our customer or potential customer to test our seal against their current production seal. In this case, part of our customer's approval process was to have us run a 100 hour test at 2,150 RPM's for a 3.500 shaft with an oil temperature of 180°F.

We set up the test using the customer's current standard NBR compound oil seal (a competitor's seal), and our standard NBR compound oil seal. Then, because of the shaft size and the RPM requirement, we also tested one of our NBR High Temperature compounds.

Results for this 100 hour test were the competitor's seal leaked first, then our seal, lasting twice as long as the customer's current seal, leaked. Our High Temperature NBR compound lasted the 100 hours without leaking.

Our test confirmed for the customer that by switching to Tobar seals using our standard NBR compound, they have a better product for their market, at a lower cost. Then, for more critical applications and for a slight premium, the High Temperature NBR compound would increase performance.

Please call Tobar, Inc. to discuss this test or any other test that might help in developing a product or solving a problem using our seals.