

# Large Bore Industrial Seals

# TIMKEN

## Leaders in Friction Management Technology

Timken is a global provider of friction management solutions, from bearings and maintenance tools to condition monitoring equipment and repair services. Now, to compliment our small bore industrial seals is a complete line of oil seals for large bore industrial applications. Timken Large Bore Seals are:

- Highly resistant to abrasives
- Chemically compatible
- Low wear

These seals help improve machine efficiency, bearing life and productivity while reducing your maintenance time and costs.

## A Seal for Every Need

Timken oil seals are offered in a variety of choices to fit your individual application and operating specifications. In addition, they are color coded for easy identification. Choose from:

Timken Nitrile (N), Black Industrial Seals – Recommended for applications with a continuous operating temperature of approximately 200°F. Peak temperature is 250° F.

Timken Hydrogenated Nitrile Butadiene Rubber (HNBR) Blue Industrial Seals – Recommended for applications with a continuous operating temperature of approximately 300° F. Peak temperature is 350° F.

Timken Fluoroelastomer (V) Green Industrial Seals – Recommended for applications with a continuous operating temperature of approximately 400° F. Peak temperature is 450° F.

## Benefits

Our specifically engineered oil seals are designed for outstanding abrasion and wear properties and chemical resistance. A low friction coefficient results in lower power consumption and less generation of heat. All of these features add up to peak performance in the toughest environments.

## Applications

Timken oil seals improve machine performance in a variety of industries, including:

- Chemical processing
- Food and pharmaceutical
- General industry
- Hydrocarbon processing
- Primary metals
- Pulp and paper
- Aggregate
- Mining

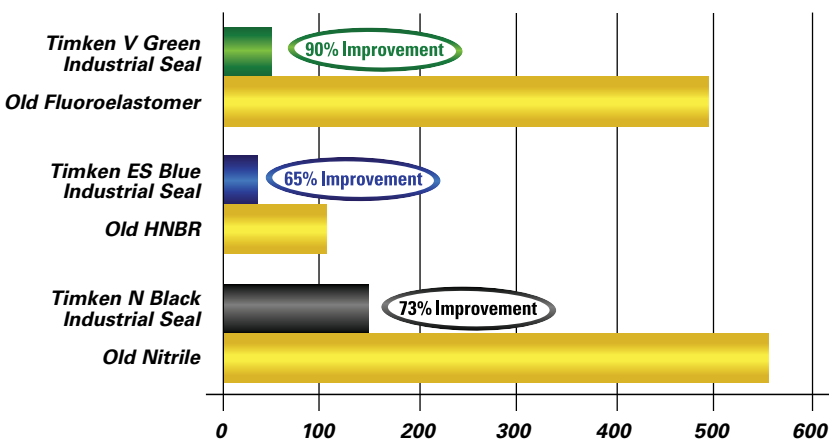
Timken's line of high-performance oil seals come in a variety of choices to fit your application needs.

Distributed by The Timken Company. Timken® Service Parts are carefully chosen from select manufacturers. Keep clean and dry.

## Outstanding Materials for High Performance

Timken oil seals are manufactured using special elastomers that improve abrasion resistance up to 90 percent over conventional materials. By switching from your

current traditional seal to Timken oil seals, you may easily double your mean time between repair (MTBR) while maximizing your plant's productivity.



The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, gears, belts, chain and related mechanical power transmission products and services.