

Nylacast Oilon

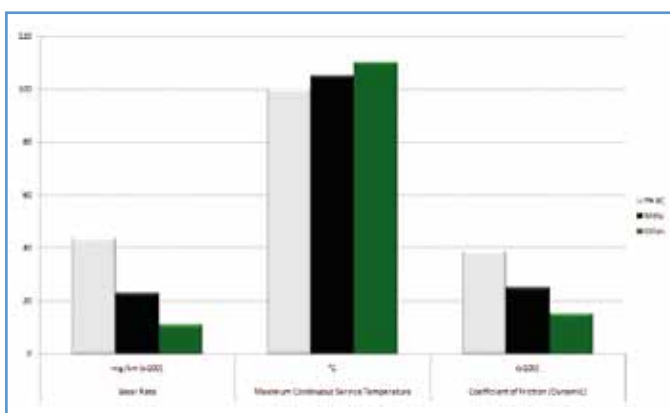
Oilon was a break through of the first magnitude in the world of cast nylons, developed in the early 70's by Nylacast Ltd and introduced to the market in 1974.

Oilon was the very first authentic lubricated Nylon having a blended liquid lubricant system built in during the process stages, which obviously resulted in a substantial increase in bearing life, 5 times that of Natural cast nylon and 25 times that of phosphor bronze! The lubricant contained within the material will not drain, machine, spin, leech or dry out and never needs replenishment.

A uniformed distribution of the lubricant throughout the product guarantees a constant performance over the whole service life and improvements in rate of wear,

sliding frictional properties, abrasion resistance and stick/slip performance are just a few of the benefits offered by this material. Oilon has been successful in considerably enlarging the application possibilities of nylons in many areas and specifically that of unlubricated moving parts. Oilon has acquired an unmatched track record over the past 20 years and continues to go from strength to strength, for Nylacast has over this period produced thousands of tons of Oilon and the trend continues. There have been many imitators over the years since Oilon has been introduced, however Oilon has not yet been equalled by its rivals and remains the premier oil-lubricated nylon available from any source. Oilon is suitable for use in applications in both the food and pharmaceutical industries.

Benefits of Nylacast Oilon



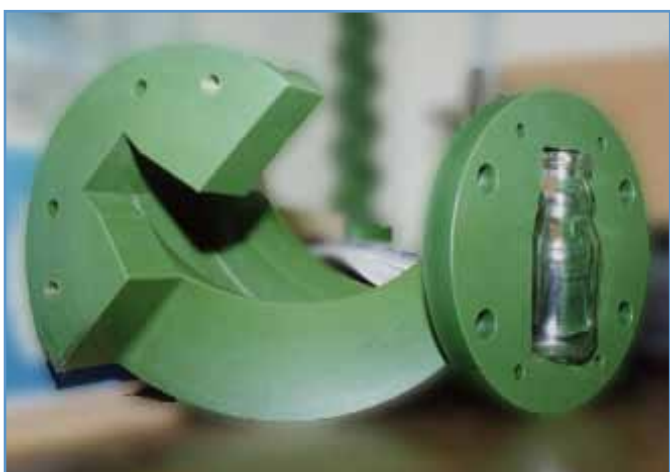
- First authentic lubricated nylon
- Improved wear and abrasion resistance
- Improved PV characteristics
- Improved coefficient of friction and stick/slip characteristics
- Consistent wear performance throughout product life
- Reduced water absorption
- Excellent mechanical, thermal and chemical resistance properties
- Good dimensional stability
- FDA compliant for direct food contact applications
- Blended liquid lubricant system

Industry Users



- Petrochemical
- Construction
- Transport
- Food and food packaging
- Bottling and canning
- Pharmaceuticals
- Steel mills
- Quarrying/mining
- Cranes
- Conveyors
- Offshore

Typical Application



- Wear pads
- Support rails
- Sheaves
- Rollers
- Guide plates
- Bearings
- Spacers
- Pulleys
- Spacers
- Brake blocks
- Conveyor rail
- Pipe Clamps
- Gears
- Bushes
- Wear Strips
- Bespoke Components

Nylacast Oilon is available as standard plate, rod and over thousands of tubes OD/ID configurations in four different lengths.

In addition cut piece derivatives, strips, billets, discs and rings up to 2.5 metres diameter as well as custom castings to specific designs are available.