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## **Oil Impregnated**

## Bearings

Oil impregnated bearings composed of 70-80% of lubricating synthetic oil. Oil is moulded and solidified with polymer to form a casing which act as a lubricant reservoir throughout bearing life

## Features

- Improved lubrication system with consistent lubricant supply
- Superior lubricant synthetic oil
- Lesser torque due to no churning phase
- Excellent performance in water and dusty environment due to inherent sealing property
- Environment friendly molding process

### Benefits

- ✓ Long life and maintenance free
- Higher operational reliability
- 🗹 No Re-lubrication needed
- More lubricant quantity in the same bearing pocket
- Increase in load carrying capacity in case of oil impregnated ball cage assembly.

## Application

#### 🗹 Industrial application like

- o Conveyors
- o Metal processing
- o Mining
- o Agriculture o Food processing
- o Paper and packaging etc.
- Other automotive applications like 2 & 3 steering column



## Industrial & Automotive Applications

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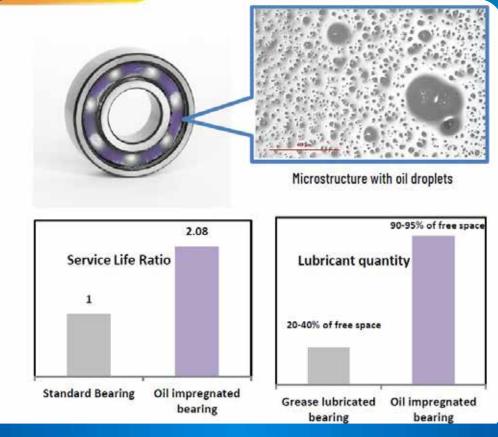




### Specifications

- ☑ Oil impregnated bearings can run upto 100 °C Max.
- Best suited for oscillation and low to medium speed rotation.
- Upto 70 % of synthetic oil in the molded bearing.
- Can be filled in sealed ball bearings and other roller bearings e.g, tapered, cylindrical and spherical roller bearings.

## Technical Data







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