

## Bearings - WTF (Water-Tough)

NSK's WTF (Water-Tough) Bearings were developed using advanced technologies including ultrahigh clean-material technology and NSK's proprietary heat-treatment technology.

### Product Features

- Steel material technology
- Special NSK heat-treatment technology
- Optimum chemical component design technology
- Available for four-row cylindrical and four-row taper roller bearings

### Benefits

- Bearing life 3x's longer than conventional bearing.
- Relatively free from non-metallic inclusions on raceway surface in inhibiting generation of cracks
- Grain boundaries have been strengthened to help prevent the spread of cracks
- Prevent further spread of corrosion fatigue cracks due to water infiltration

### Condition Description

- Contamination
- High Load

### Industries

- Steel and Metals

