Oil Seals for High-Pressure and High-Speed Application

Conventional design oil seals have become unavailable for transmission clutch covers for four-wheel buggy cars due to new demands for higher pressure, higher speed and longer endurance including large eccentricity. Here, new oil seals with improved eccentricity followability and drastically improved endurance life under extreme high pressure have been developed and introduced into the market.

- Clearance* is set between the backup ring and rubber section, thereby drastically improving eccentricity followability.
- Pressure disperses and seal pumping capacity is improved by Super helix mechanism, resulting in improved endurance life.

**Features**

**Structure**

- Mounted
- Clutch cover section of transmission

**Performance**

- Eccentricity followability (Shaft dia.: 54mm)
- Developed
- Conventional
- Required performance

- Endurance life under high pressure, high speed (Shaft dia.: 54mm)
- Long
- Short
- Conventional
- Developed

**Application**

Oil seals for transmissions

KOYO SEALING TECHNO CO., LTD.