

# SKF- SEALING SOLUTIONS

SKF has a long history in automotive sealing knowledge. From its patent on the first automotive wheel seal in 1928, SKF has evolved to a leading supplier of automotive sealing technology.

The radial lip seal pictured here is one of the most common seals used throughout the industry in a variety of applications. Its main purpose is to retain lubricants within a cavity, while excluding contaminants. Lip seals are also used to separate fluids to confine pressure. SKF has refined their designs to provide the best seal in the market. SKF uses a combination of specifically blended polymers to optimize performance and extend seal life. SKF steel casing and rubber covered casing designs provide maximum protection against bore leakage. Specific SKF seals can withstand extreme heat and cold for performance in all weather conditions. The garter spring incorporated into many of the radial lip seals is used to provide uniform loads in the sealing area. Other enhancements can include hydrodynamic sealing options and secondary lip seals. Today, the automotive seals business of SKF comprises the design, manufacture and marketing of complete automotive sealing solutions for engine, transmission, driveline, steering and suspension systems in a wide range of materials to car, truck and two-wheeler manufacturers.

Combining profound application knowledge with cutting-edge sealing know-how in a global market SKF can respond to a vast range of sealing requirements for all major car and truck applications worldwide. Supported by seal research centers and testing facilities in Europe, USA and Asia, SKF engineers can draw on the global resources needed to push the limits for automotive performance and reliability.

