

Excess temperature of the sealing edge of the forks seals

Temperature, which affects directly on the sealing edge of the sealing ring of the radial shaft has a major impact on the life of seals and substantially amended its operational durability. The actual temperature of the place of the seal is obtained by a combination of temperature and heat of the media as a result of friction at the sealing lip. The heat of friction depends on the quality of the outer surface of the shaft of his speed, the diameter and the media than used. Emerging temperature sealing edge is dependent on the conditions of heat dissipation of a place of use and increases with speed.

