



# ► K19 Heavy Duty Product Line

K19 Heavy Duty Piston Seal K19L Low Temperature Piston Seal K19X Ultimate Piston Seal



## **K19**

## **Heavy Duty Product Line**

The **K19** double-acting compact piston seal has a robust design which contains an elastomer energizer, a PTFE ring and two thermoplastic back-up rings. The design has been a preferred design for a wide range of mobile hydraulic applications with low friction, low extrusion and long service-life properties.

**K19** Product Line consist of 3 unique material combinations, which were developed to exceed challenging expectations of modern mobile equipment.



**K19** Piston seals are the ultimate piston seal solution for excavators, front-loaders, boom-lifts, cranes and other lift equipment.

### **K19 Heavy Duty Piston Seal**

Standard K19 is an industry standard piston seal preferred in construction machinery application with its high quality bronze filled PTFE ring.



Temperature Range: -30°C to +105°C

Pressure: 400 bar

NB8001 Standart NBR
PT6003 High Performance Bronze Filled PTFE

PM9901 Thermoplastic POM Back-up Ring

### **K19L Low Temperature Piston Seal**

K19L has been developed for the growing needs for wider temperature range and higher extrusion resistance. Its highly preferred in aerial lifts and telehandlers as well as excavators.



Temperature Range: -40°C to +120°C

Pressure: 600 bar

NB8010 Low Temperature NBR

PT6003 High Performance Bronze Filled PTFE

PA9910 High Temperature Resistant PA

#### **K19X Ultimate Piston Seal**

K19X is the ultimate piston seal of the productline that offers unmatched extrusion, friction, abrasion resistance while withstanding temperature peaks up to 150°C and pressure peaks up to 600 bar.



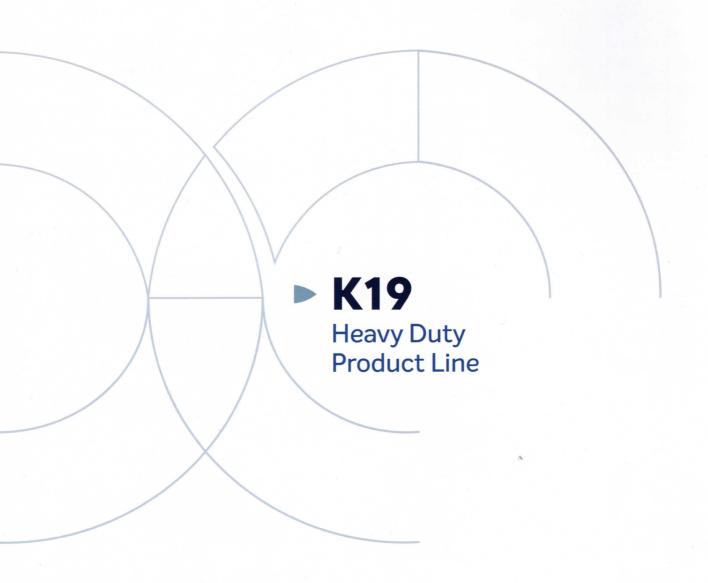
Temperature Range: -40°C to + 150°C

Pressure: 600 bar

HB8005 Low Temperature HNBR

PT6023 Abrasion Resistant Carbon Fiber Filled Modified PTFE

PA9910 High Temperature Resistant PA



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