Professional Factory for Automotive Tungsten Tip Die Mould - oil scraper ring - DONGYI

oil wiper rings are designed to effectively provide positive containment of lubricants within the crankcase. The scraper is designed specifically for those applications where total oil control is necessary. Most reciprocating compressors use oil control or wiper rings to prevent crankcase oil from passing into the cylinder and in some instances to prevent condensate and cylinder and packing lubricant from entering the crankcase.

Segmented wiper rings may be either radially or tangentially cut. They are garter spring actuated. The scraper edges in contact with the piston rod are proportioned to give a bearing load sufficient to break the surface tension of the oil film on the rod and wipe it away. While there are many variations and innovations of wipers, there are basically two types. Normally two or three wipers are used in an oil seal and as previously indicated may be used as a part of or in conjunction with a pressure packing.

The scraper is designed specifically for those applications where total oil control is necessary. Available in both cast iron and bronze, the unique design and operation of these rings provide extremely effective containment of lubricants in their intended area as well as long trouble free service.

The unique design and operation of these rings provides extremely effective containment of lubricants and long trouble-free service.

Basic Wiper Ring Designs:

tangent cut unidirectional
tangent cut bidirectional
radial cut wiper rings
Wiper Ring Materials:

Special Polymer Alloys
PTFE
Thermoplastics
Bronze
Cast iron

Product link：https://www.wzdongyi.com/?p=5462