



TLOS DOWNHOLE MOTORS

Motor Highlights

Nothing speaks better than PROVEN field experience. Our motor designs have been used in the oil field for over 15 years. At TLOS, we offer proven motor products, technical knowledge, and field experience for the best in downhole motor performance.



Rotors: Our solid and bored rotors are precision machined and polished to achieve a smooth mirror finish. Each rotor is then chromed plated for corrosion protection and wear resistance. Also offered is a rotor safety catch device which provides added safety against leaving motor components in the hole in the unlikely event of a connection failure.

Stators: The elastomer is the heart of the Drilling Motor. This is why we use a quality butadiene acrylonitrile elastomer in our stators. Our elastomer is a versatile and field proven formulation. It has excellent mechanical properties and good resistance to aromatics. Our elastomer has an operating temperature range up to 250 °F (120 °C) and a maximum temperature range to 300 °F (150 °C). For those extreme applications, we have available a high performance and temperature resistant compound. To ensure a quality bond of our elastomers, we coat our stators with a triple application of a high strength adhesive. Our elastomers and bonding system are routinely inspected and tested to ASTM standards to ensure a quality stator product.

Coupling Assembly: We offer two types of coupling assemblies. Our standard coupling is a classic and field proven connecting rod design. We also offer a high performance ball drive coupling for extended performance. Our couplings are precision made for smooth articulation and minimal wear. They are both designed to provide optimum torque to the bit. Our coupling assemblies come standard with a straight housing.

Adjustable Bend Housing (ABH): We offer an adjustable bend housing with a 0 to 3 degree bend adjustment. No complicated procedures here - Our ABH is simple to adjust and use at the rig site. Also available are single fixed and double fixed-bend housings for special directional drilling needs.