

DynaPower XP

Extreme-power motor elastomer

APPLICATIONS

- High-power drilling operations
- Abrasive drilling environments
- Long drilling motor runs

BENEFITS

- Provides additional power and high-torque output for challenging applications
- Sustains high ROP while drilling long intervals
- Operates over a wide temperature range and retains fit at high temperatures, enabling shoe-to-shoe drilling

FEATURES

- Durable rubber with 30% more abrasion resistance than conventional elastomers
- Three times the fatigue life of conventional elastomers
- Compatibility with aggressive oil-based muds
- Superior bond strength
- Extended operating hours

The DynaPower XP* extreme-power motor elastomer provides additional power while sustaining high ROP over long drilling intervals.

Improved durability in challenging applications

Elastomers continue to be the most common failure mode for mud motors. The DynaPower XP elastomer reduces these failures by providing higher power and durability—enabling higher ROP—than conventional elastomers over long periods of time, in elevated temperatures, and through abrasive environments.

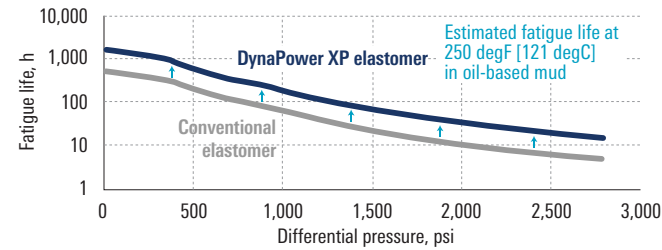
Cutting-edge elastomer properties

The DynaPower XP elastomer uses a new proprietary chemical formula that is 30% more abrasion resistant than conventional elastomers while delivering a higher torque output. It also enhances bond strength between the elastomer and stator. Due to its thermoelastic properties, the DynaPower XP elastomer functions within a large operating temperature window, ranging from 200 degF [93.3 degC] to 325 degF [163 degC], enabling shoe-to-shoe drilling in a single run.

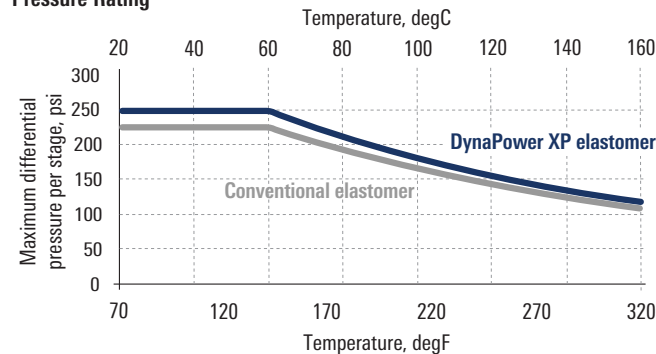
High-power output and extended fatigue life

With a 10% higher pressure rating, the DynaPower XP elastomer delivers more power per stage with triple the fatigue life of conventional elastomers, reducing the risk of motor failure while reaching TD.

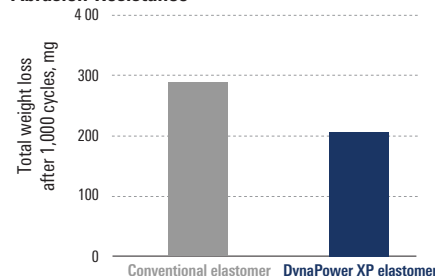
Fatigue Life



Pressure Rating



Abrasion Resistance



The DynaPower XP extreme-power motor elastomer operates three times longer, has a 10% higher pressure rating, and shows 30% more abrasion resistance than conventional elastomers.