

DynaPower XE

Extreme Environment Motor Elastomer

APPLICATIONS

- High temperature environments
- High power drilling operations
- High abrasion drilling environments
- Long drilling motor runs

BENEFITS

- High operating temperature enables customers to drill deeper and longer intervals
- 6 times more fatigue life than conventional elastomers tested in aggressive oil-based muds
- Increased power output allows customers to drill faster, reducing drilling time and cost
- Improved abrasion resistance helps customers to maintain ROP while drilling long intervals
- Elastomer may be used within the DynaMic Power Section to further extend operating life in high temperature wells

FEATURES

- Increased performance in hot hole wells, with bottom hole temperatures up to 350°F
- Extended reliability and operating hours
- Provides 275 psi per stage power output
- Enhanced bond strength
- Compatibility with the DynaMic Power Section
- Compatibility with aggressive oil-based muds, having high solid content

The DynaPower XE elastomer has been engineered to withstand high temperature environments, helping customers to reach TD in a single run, while also providing increased ROP. When compared to conventional elastomers, DynaPower XE provides up to 6 times more fatigue life in aggressive oil-based muds, making DYNAPOWER XE the perfect solution for long wells, requiring extended power section life.

The new elastomer solution provides 20% more power output than conventional elastomers, allowing customers to drill faster and reduce well construction costs. The elastomer's 40% improvement in abrasion resistance helps to provide consistent ROP throughout the entire run interval.

Performance Drilling in Extreme Environments

The elastomer may be paired with the DynaMic Power Section, to provide a larger operating window and increased reliability the most challenging high temperature wells.

DynaPower XE may also be used within the DTX thin-wall power section for high torque drilling applications.

