SLIPXTREME™

The New Standard in Isolation Plug Milling

SlipXtreme is the latest generation of patented industry-leading hybrid cutting technology designed for milling. The new standard to the downhole product milling market and a revolutionary answer to isolation drill out and operational efficiency.

The SlipXtreme is engineered to target nonhomogeneous downhole components with variability such as bridge and frac plugs as well as the more demanding requirements of cast iron or ceramic slips.

Tungsten carbide inserts and hard-faced steel teeth are arrayed in the cutting structure to cut both hard and soft materials found in various isolation plugs. SlipXtreme incorporates modified steel tooth rows for improved wear resistance and increased outer row insert count for added toughness and durability.

High performance journal bearing and shirttail protection allow for both motor and rotary applications when drilling plugs or other downhole equipment.

Relentless Enhancements in Durability

- Bearing Enhancements
- Seal Improvements
- Highest Durable Cone Steel
- Improved Hydraulic Efficiency
- Shirttail Enhancement

VAREL
ENERGY SOLUTIONS

SLIPXTREME™

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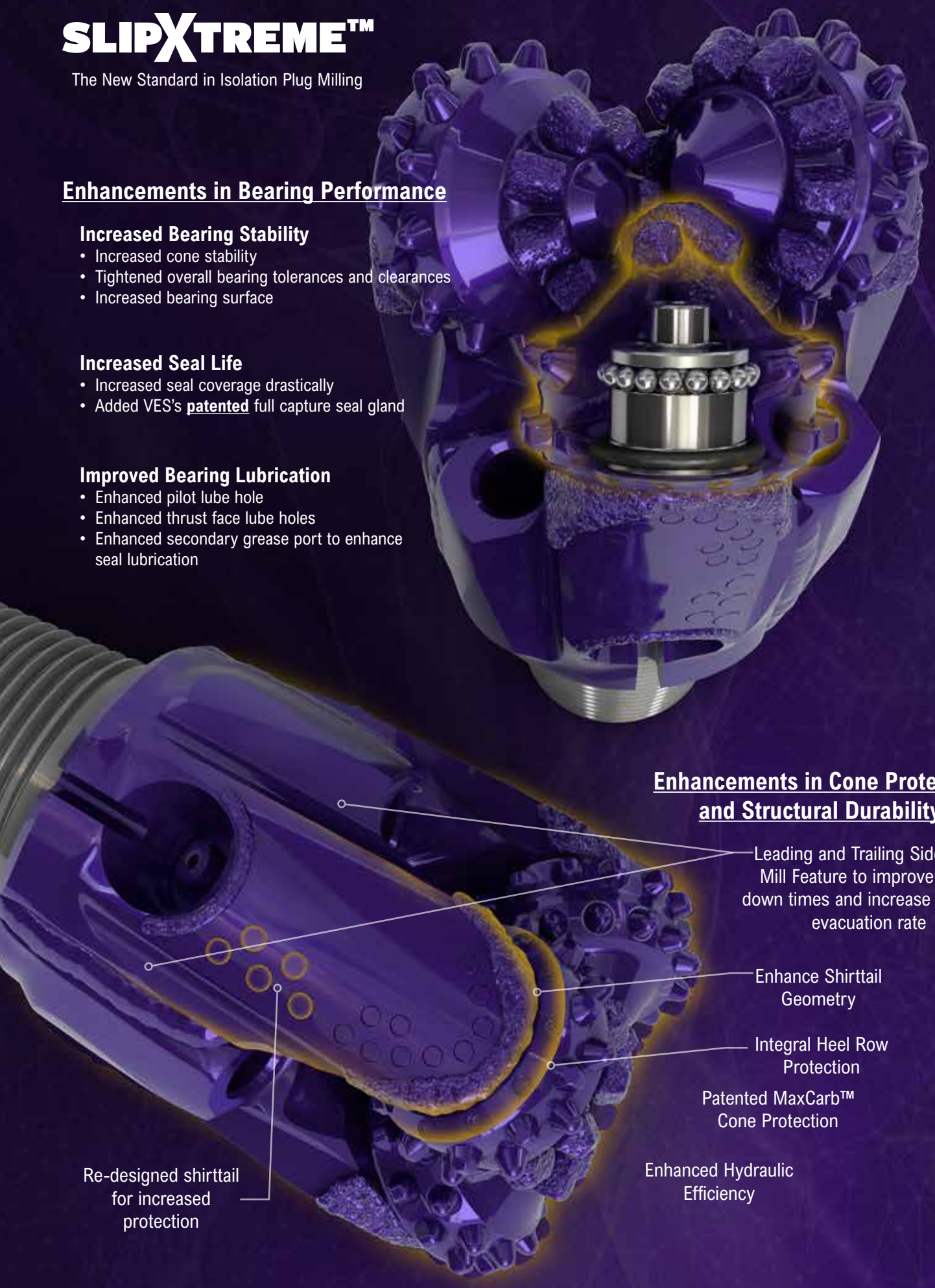

Enhancements in Bearing Performance

Increased Bearing Stability
- Increased cone stability
- Tightened overall bearing tolerances and clearances
- Increased bearing surface

Increased Seal Life
- Increased seal coverage drastically
- Added VES's **patented** full capture seal gland

Improved Bearing Lubrication
- Enhanced pilot lube hole
- Enhanced thrust face lube holes
- Enhanced secondary grease port to enhance seal lubrication

Enhancements in Cone Protection and Structural Durability

Leading and Trailing Sidewider Mill Feature to improve wash down times and increase cuttings evacuation rate

Enhance Shirttail Geometry

Integral Heel Row Protection

Patented MaxCarb™ Cone Protection

Enhanced Hydraulic Efficiency

Re-designed shirttail for increased protection