

Generating New Ideas. Solving Bigger Problems.

The Universal Jet Thruster (UJT) is placed below a motor between the bit and the motor's bit box (can also be used with wash nozzles, spinning wash tools & Venturi Tools), with flow opening multiple, 45° up-hole facing ports to the annulus while isolating flow through the mill face. With only 180# of WOB applied, the UJT seamlessly & automatically switches from "Thruster Mode" back to "Milling mode".

The UJT assists Friction-Breaking Tools with ROP, overcoming the hydraulic-effect while in "Thruster Mode". Hole cleaning, debris recovery & debris management has never been greater!

Design Features:

- Interchangeable Thread Connections (Thread "Up")
- Torsional Yield 7,500 ft-lbs.
- Tensile Yield 71,428 daNs (160,000#)
- UJT Automatically Sequences From "Milling Mode" to "Thruster Mode" Seamlessly & Automatically, **NO DROP BALLS REQUIRED**
- Pressure Drop in "Thruster Mode" (Venturi Effect) Eliminates Hydraulic Forces & Increases ROP
- Chemical-Compatible
- Greater Debris Recovery
- Next Generation Milling Efficiency

