



TORAX

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TORAX

MUD SAVER



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The Torax Mud Saver is a drilling tool used below the kelly or top drive to prevent loss of drilling mud.

Tool Operation

The mud saver has a urethane air chamber which seals around the plug cage. When the pumps are off the air chamber is closed preventing mud from flowing through the tool. When mud is being pumped at approximately 75 psi the pressure inside the chamber is overcome allowing mud to flow through.

Specifications

- Nominal size 133mm (5.25")
- Length (seal to seal) 890mm (35")
- Inside diameter 44.45mm (1.75")
- Connections 3 ½ IF, 4 FH
- Wireline Plug Head is 31.75mm (1.25") and Neck is 25.4mm (1")

Features

- Replaces the Kelly Saver Sub
- Comes with casing protector
- Requires only 75psi of pressure to open flow area in both directions
- Flow volume of 1.8 cubes
- No moving mechanical parts

Savings

- Saves drilling time. No waiting for Kelly to drain or cleaning spilt mud from the drilling floor.
- Saves expensive drilling fluid loss helping to eliminate environmental damage
- Saves damage to kelly or top drive. The thread connection are recut on every shop service
- Saves damage to casing with a casing protector

Wire line Operations

If wire line operations are required the plug is easily removed with 450lb pull shearing the retaining pin. Once the plug is removed, flow is unrestricted. The tool will require service.

5" MUD SAVER



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