



# *HNG Hydraulic-Release Running Tool*

Weatherford's HNG high-torque running tool features hydraulic release and drill-down capability. Its supported collet bears the weight of the liner. The HNG tool features castellations on the torque sleeve that allow the tool to rotate a liner through the mating castellations on the liner-top packer or liner setting sleeve.

The primary release mechanism of the HNG tool is activated when differential pressure across the hydraulic cylinder retracts the collet from the liner-top packer or liner setting sleeve. The HNG tool also features a secondary mechanical release that is activated with a simple one-sixth left-hand turn at the tool.

## *Applications*

- Liners in deep and/or highly deviated wells
- Liners at any necessary depth
- Liners that must be reamed down or drill-down liners
- Liners that are not conventionally cemented (in conjunction with Weatherford's ACP™ annulus casing packer, hydraulic opening stage tool, plugset for hydraulic opening stage tool, or mechanical port collar)

## *Features, Advantages and Benefits*

- Torque sleeve has a high torque capability in both tension and compression, making it ideal for running liners that must be reamed down.
- Torque sleeve enables rotation of the liner after the running tool has been released, allowing the liner to be rotated during cementation operations. This capability improves the cement bond.
- Supported collet connects to the liner, enabling the running tool to support long, heavy liners.
- Secondary left-hand, mechanical release ensures that the running string can be retrieved.

## *Specifications*

- Contact an authorized Weatherford representative.

