

HYDRAULIC SETTING TOOLS

DESCRIPTION

SYMOIL Hydraulic Setting Assembly (HST) is a hydraulic setting tool designed for setting packers and plugs without pipe manipulations in deep, high-temperature wells.

It is used to set packers and plugs that are normally set with a Model "E-4" Wireline Pressure Setting Assembly (or similar wireline setting equipment).

The same adapter kit that is used on wireline can be used with the HST.

The HST and packer (or plug) is run in on the tubing to the desired setting depth and a ball is dropped to the HST. Pressure is applied to close the fill ports, which also opens the setting pistons to pressure. As pressure is applied, force is transmitted to the packer (or plug) to set. Tubing tension can also be applied to supplement the setting force generated by the pressure applied.

FEATURES

- Large internal by-pass
- Tubing fills automatically as HST is run in the hole
- Premature setting is prevented by means of a shear screws
- Ports inside the tool permits circulation through the HST
- Use existing wireline adapter kits

| Size in - [mm] | OD in - [mm] | Max Pull lbs - [kg] |
|-------------------|-----------------|------------------------|
| #05 | 1.9 - [48.26] | 31000 - [14061] |
| #10 | 2.75 - [69.85] | 75000 - [34019] |
| #20 | 3.81 - [96.774] | 120000 - [54431] |

