

NHST Hydraulic Setting Tool

The NHST Hydraulic Setting Tool is used to run and set completion and service tools normally set on E-line. The setting tool may be run on coil or jointed tubing especially in deviated wells where running the tools on E-line may be difficult or a wireline unit is not available. The bottom connections of the setting tool are identical to the E-4 pressure setting assemblies. The NHST is designed so additional piston sections may be added to reduce setting pressure required.

Operation

The setting tool uses the same adapters for running tools as used with an E-4 wireline setting tool.

The NHST is run to desired setting depth and the ball is dropped to the ball seat in the tool. (When used on Coiled Tubing the ball is ran in place.) Sufficient pressure is applied to set and pack-off the packer. The pressure, or the combination of pressure and tubing tension, shears the shear pins or shear ring, releasing the setting tool from the packer.

Features and Benefits

- Accepts common wireline adapter kits
- Standard EUE upper connection. Premium threads available on request
- Used to set completion and service tools in straight, deviated and horizontal wells

Technical Data

Equilvant E-4 Assembly	Max. O.D. In. (mm)	Max. Shear lbf. (kgf)	Thread Connection	Product Number
#5	1.810 45,97	15,000 6804	1.00" LPT	10-271-0181
#10	3.000 76,20	35,000 15876	2.375" EUE	10-271-0350
#10	3.500 88,90	35,000 15876	2.375" EUE	10-271-0300
#20	3.500 88,90	50,000 22680	2.875" EUE	10-271-0425
#20	4.250 107,95	50,000 22680	3.500" EUE	10-270-0425

