

## TH-7 HYDRAULIC PACKER

### PRODUCT 15-654

The **TechWest TH7 Hydraulic Packer** is a hydraulic set, economical packer suited for low to medium pressure applications. The packer is similar to the TH6 packer (Product 15-656) without the use of the Slip Assembly.

The packer features no downward mandrel movement during setting, permitting for use in stacked applications and simultaneous setting. The packer contains no slips and is designed to be ran anchored above and below where minimal tubing movement and cycling occurs. The minimalistic TH7 packer is designed to provide the most cost-efficient option in stacked applications.

The TH7 packer features adjustable straight pull release and large equalizing ports which open above the elements to wash debris above the packer to aid in retrieval. The internal lock mandrel contains the pack off force which is not transmitted to the tubing string, eliminating any loads on the release screws. This allows for easy retrieval even with maximum differential on the packer. The short length of the packer makes it ideal for tight doglegs in the well.

#### FEATURES

- Minimalistic design for increased cost efficiency.
- Adjustable straight pull release with shear screws out of the flow path
- No downward mandrel movement for stacked applications
- Elastomeric and metallurgical options available for hostile environments
- Short length ideal for tight turns in casing
- May be set after the well has been flanged up.

#### OPERATION

The TH7 Packer is set by temporarily plugging the tubing string below the packer and applying pressure inside.

The TH7 packer is released by straight pickup on the tubing string.

When ran in stacked completions, the use of a *TechWest Releasing Sub* (Product 20-336) is recommended.

