

QLH

Permanent hydraulic-set production packer



Rated to 10,000 psi
[69 MPa]



Rated up to 163 degC
[325 degF]

APPLICATIONS

- Vertical, deviated, or horizontal wellbores
- High rate gas wells
- Permanent production or isolation packing

BENEFITS

- Reduces rig time required to install and set the packer with high running speed
- Improves sealing reliability by eliminating tubing movement during installation
- Allows multiple packers to be set in the same string
- Reduces milling time

FEATURES

- Dual-opposing, one-piece slips
- 360° solid-metal backup system to prevent element extrusion
- Swab-resistant element

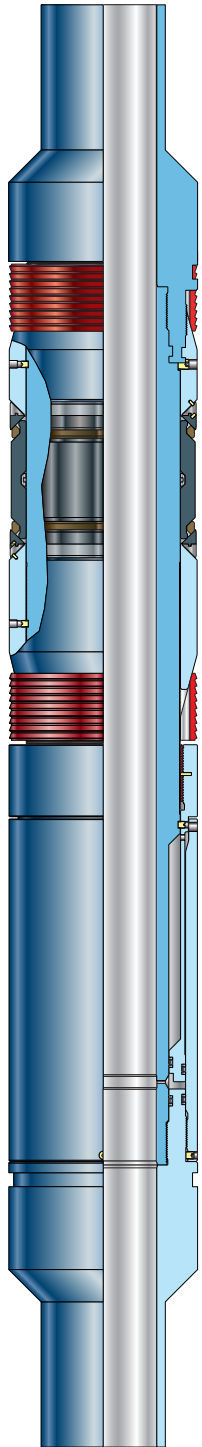
The QLH permanent hydraulic-set packer is a robust and reliable high-pressure production or isolation packer designed for fast installation. The integral setting cylinder located below the bottom slips provides the force needed to set the full-circumference slips and pack off the sealing element. The 360° slips enable even gripping and prevent casing damage. The element is swab-resistant, ensuring its integrity while pumping for fluid exchange.

Usage and compatibility

The QLH can be run directly on tubing or below an expansion joint accessory such as a polished-bore receptacle (PBR), to compensate for production string movement. Absence of mandrel displacement allows setting of multiple packers in the same string.

QLH Permanent Hydraulic-Set Production Packer Specifications

Casing Size, in [mm]	Casing Weight Range, lbm/ft [kg/m]	Tubing Size, in [mm]	Max. Working Temperature, degF [degC]	Differential Pressure Rating, psi [MPa]
9.625 [244.5]	36–47 [53.57–69.94]	5.5 [139.7]	325 [163]	10,000 [69]
9.625 [244.5]	47–58.4 [69.94–86.91]	7 [177.8]	300 [149]	10,000 [69]



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