

MatchSet™ Hydraulic-Set Liner Hanger with Integral Liner-Top Packer

INTEGRAL LINER HANGER SYSTEM FOR HIGHLY DEVIATED OR HORIZONTAL WELLS

OVERVIEW

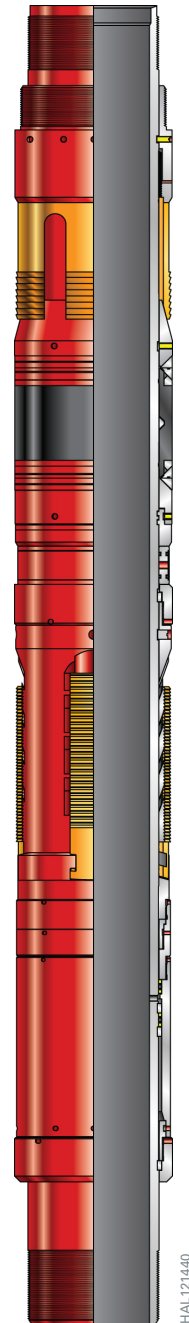
Halliburton MatchSet™ hydraulic-set conventional liner hanger with integral liner-top packer has a unique compact design for highly deviated or horizontal wells. The hanger is equipped with premium O-rings and glass-filled Teflon backup rings to seal in the hydraulic cylinder. A high-strength alloy cylinder provides maximum burst and collapse rating.

The hanger is set by applying pressure through the drillpipe. A setting ball is circulated or dropped to the ball seat in the landing collar or running tool. Applied pressure acts on an internal piston, moving the slips up the cones to the set position. The hydraulic-set liner hanger incorporates a tapered roller bearing assembly, if required, which allows the liner to be rotated in the set position while cementing the liner.

The liner-top packer is a high-performance packer that is suited for most applications and sets by applying set-down weight. The packer provides an effective annular seal between the top of the liner and the parent casing, preventing formation breakdown, loss of cement slurry, and gas migration above the liner top during the life of the well. The liner-top packer features hold-down slips, making it suitable for use in deviated or horizontal wells. Connection to accept an upper tieback receptacle is standard.

APPLICATIONS

- » Drilling liner
- » Production liner
- » Openhole horizontal wells
- » Unconventional completions



LINER HANGER FEATURES AND BENEFITS

- » Unique protected slip design provides more slip contact area and uniform loading
- » Available in rotation or non-rotation models where tapered roller bearings allow liner to be rotated in set position
- » Hydraulic cylinder stays stationary with respect to body, seals static during rotation
- » Slip and cone designed for minimum casing stress levels
- » Capable of hanging long and heavy liners
- » Hardened slips bite and hold in all standard casing grade
- » Large annular flow area in set position ensures minimum pressure drop
- » Liner hanger body and cylinder have burst and collapse ratings equal to or greater than the API specifications for relevant grade of casing (unless otherwise stated)

LINER-TOP PACKER FEATURES AND BENEFITS

- » High-performance, compression-set liner-top packer
- » Provides effective annular seal at liner top
- » Prevents formation breakdown, loss of cement slurry, and gas migration
- » Integral body lock ring holds positive set in seal elements
- » Hold-down slips prevent light liners from moving

MatchSet™ Hydraulic-Set Liner Hanger with Integral Liner-Top Packer Specifications

Liner Size (in.)	Casing Size (in.)	Casing Weight (lb/ft)	Material
4 1/2	7	23.0 - 38.0	L-80, P-110, and Q-125
5	7	23.0 - 38.0	
5 1/2	7 5/8	29.7 - 45.3	
6 5/8	8 5/8	32.0 - 36.0	
7	9 5/8	40.0 - 58.4	
7 5/8	9 5/8	40.0 - 53.5	
8 5/8	10 3/4	40.5 - 55.5	
9 5/8	13 3/8	54.5 - 72.0	

For additional sizes and material grade, please contact your Halliburton representative.

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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