

MAXIMUS

Completion Systems



LINER HANGER SYSTEMS

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**MAGNUS ROTATING
LINER HANGER**

TECH UNIT No.	279
MODEL	MHLH
DATE	08/01/2018
REV.	00

LINER HANGER SYSTEMS TECHNICAL UNIT

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MAGNUS LONG SLIP HYDRAULIC LINER HANGER

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DESCRIPTION :

Premium hydraulic-set, rotating liner hanger is ideally suited for use in deep, highly deviated wells. The cone and slips section are designed to optimize bypass and, in addition to the protected slips, make the MPHR hanger an ideal choice for drilldown and reaming-liner applications. The MPHR hangers are available in the following sizes: 5 × 7 in., 7 × 9-5/8 in., and 9-5/8 × 13-3/8 in.

Differential hydraulic pressure across the hydraulic cylinder activates the WPHR hanger. Setting weight on the MPHR hanger sets it, forcing the slips to bite into the host casing. A bearing on the WPHR hanger allows rotation after the hanger is set.

APPLICATIONS:

- Liners in deep and/or highly deviated wells
- Extended-reach liners
- Liners at any necessary depth
- Drilldown liners
- Liners that must be reamed down

FEATURES, ADVANTAGES AND BENEFITS:

- Hydraulic activation removes the need for drillstring manipulation, making it possible to set the MPHR liner hanger in deep and/or highly deviated wells.
- Large, slip-contact area minimizes stress in the host casing, enabling the MPHR hanger to support extreme loads.
- One MPHR can be set inside host casings of the same size, but with various weights. This design provide operational flexibility.
- High-torque, one-piece mandrel is equipped with premium connections that meet or exceed the torque of liner connections.

