

SHMR LINER HANGER SYSTEM WITH MECHANICAL RELEASE



SHMR

APPLICATION

SHMR Liner Hanger System is specially designed for non-cemented liner applications to run in hole the slotted liner or screens where pressure integrity between the work string and the shoe track must be maintained during the installation, in order to ensure the circulation is provided through a liner shoe. Work string is used to run in hole the liner to the desired setting depth without rotation. Running tool with mechanical release is then retrieved from the well once the liner is in place.

FEATURES AND BENEFITS

- SHMR Liner Hanger System allows circulation through the bottom of slotted liner.
- Running tool at the bottom is connected to the inner string . Stinger of the inner is stabbed in o-ring seal sub to provide a reliable seal ensuring the circulation is provided through the shoe.
- Inner String Swivel allows rotation without transferring torque to the liner string.
- Ball seat is located in the running tool.
- Full-bore ID after running tool retrieve imposes no restrictions to liner access for future intervention and remedial operations.
- Hydraulic activation eliminates the need of drillstring manipulation.
- SHMR Liner Hanger System withstands high tensile loads.
- SHMR Liner Hanger System withstands high differential pressure.

LHS COMPONENTS

- **Polished Bore Receptacle** provides a mean of tying back into the liner with seal assembly for multistage hydraulic fracturing or with second isolation packer.
- **Liner Top Packer** provides high integrity annulus sealing.
- **Hydraulic Hanger** provides a specified holding force.
- **Rental equipment:** Debris barrier, running tool with mechanical release, pack-off bushing and ball seat.

TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE	
Liner size, in	4.500	
Casing OD, in	6.625	7.000
Length, ft	12.8	
Max OD, in	5.551	5.984
Min ID after activation, in	3.898	
Material*	P-110	
Tensile, kip	180	
Max differential pressure, psi	10,000	
Burst, psi	10,000	
Collapse, psi	10,000	
Max working temperature, °F	248	
Design Validation Grade / Quality Grade	V3 / Q2	

* Other options are available as per Customer request.