

HHR LINER HANGER SYSTEM WITH HYDRAULIC RELEASE

APPLICATION

HHR Liner Hanger System is specially designed for non-cemented liner applications. HHR is used to suspend the liner in a previous casing using a liner hanger. Work string is used to run in hole the liner to the desired setting depth without rotation. Running tool with hydraulic release is then retrieved from the well once the liner is in place.

FEATURES AND BENEFITS

- Hydraulic activation eliminates the need of drillstring manipulation.
- Mechanical release can be used as a back-up option.
- Full-bore ID after running tool retrieve imposes no restrictions to liner access for future intervention and remedial operations.
- Ball Seat can be located either in running tool or in landing collar / activation sub.
- Hold down slips above the packer sealing element allow to prevent the upward movement of the liner.
- HHR Liner Hanger System withstands high tensile loads.
- HHR Liner Hanger System withstands high differential pressures.

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 specified holding force.
- **Rental equipment:** Debris barrier, running tool with hydraulic release, pack-off bushing and ball seat.

TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE		
	Liner size, in	4.500	5.000
Casing OD, in	6.625	7.000	7.000
Length, ft	12.3		12.1
Max OD, in	5.551	5.984	5.984
Min ID after activation, in	3.898		4.409
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.



HHR