



CHANCELLOR
A TEAM OIL TOOLS COMPANY

CEMENTED LINER ASSEMBLIES LINER TOP PACKERS

Chancellor Liner Top packers are run with or without a liner hanger below and perform several functions with various options available. All models provide a square thread running box for the purpose of carrying liner weight and providing RH release of setting tools. A smooth tool entry guide is maintained following completion. All packer seal elements are weight set.

The Model B liner top packer (and all models) has a tie back receptacle (TBR) that serves to retain the packer setting dog sub while running in the hole, preventing premature setting, as well as to provide for future liner tie back. The Model D is additionally equipped with a retrievable packoff bushing profile and splines for rotating the liner while running in the hole or for right hand set mechanical liner hangers. The splines also keep the setting tool locked on, preventing unintentional release. The Model E liner top packer has all these features including hold down slips to prevent short liners from moving up the hole.

Since it is not advised to push and rotate liner in compression, the Model DHR has a special thread form that is designed to hydraulically release with the type HR hydraulic setting tool. The HR hydraulic setting tool features complete hydraulic liner hanger setting and hydraulic straight pull release where mechanical release is sometimes difficult or impossible as well as a secondary mechanical release back up option. The liner can be circulated and rotated in tension, compression, and neutral while running in the hole.

The packer seal configuration can be a one piece single sleeve, a three unit multi durometer packer, or a MS packer element. The MS packer element is a high performance liner casing annulus seal with an elastomeric element bonded to a thin wall flaring sleeve. A tapered setting sleeve flares out the MS element providing a tight uniform sealing surface to the casing I.D. Because the element is bonded, the liner can be run in the hole at moderated to fast rates without concern for burning or damaging the element. The element is rated for 10,000 psi differential pressure with up to 10 bbl/min circulating and displacement rates allowed with no damage to the element. Neoprene, HSN, Viton and AFLAS materials are available depending upon down hole conditions. Extension rings help maintain seal and integrity during high pressure conditions. A shear pinned setting ring that contains an internal lock ring keeps the packer seal energized after after set.



MODEL B



MODEL D



MODEL DHR



MODEL E