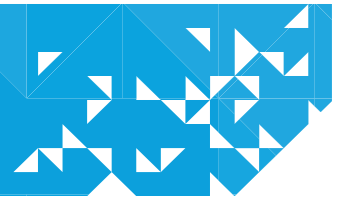


Liner Hanger Systems



The Ranger Scout Liner Hanger System is a premium offering with a wide range of options for every well-bore environment. The system allows for drill-in and reaming applications.

Developed specifically for today's environment, the Ranger/Scout Liner Hanger system has proven to be a superior system for extended reach horizontal wells and high-pressure gas wells where system integrity is critical for drilling and completion operations.

The High-Torque capabilities allow the system to be reamed-in while drilling. The integral bearing package also allow the liner to be rotated while cementing.

The system ISO V0 qualified and is available in both a standard and NACE version.

Scout Liner Packer - The TEAM Oil Tools Scout Liner Top Packer is a premium liner top packer specifically designed for the harshest of environments. The element design is ISO V0 qualified.

Ranger Liner Hanger -The Ranger Scout Premium System is newly designed from the ground up. This is a high capability system, designed for the harshest environments. The ISO V0 rating make it an ideal option for critical applications.

Hydraulic Running Tool - The Collet Running Tool is a hydraulic tool that is used to carry in and set the Ranger/ Scout Liner Hanger System. The tool is designed for high torque applications including drill-in and reaming operations. The tool also provides for rotating the liner while cementing.

Mechanical Running Tool - The Mechanical Running Tool is used to carry in and set the Ranger/ Scout Liner Hanger System. The tool is designed for robust and harsh environments. The tool also provides for rotating the liner while cementing.

LINER HANGER SYSTEM

	5.000"x7.000"	7.000"X9.625"
System Torque Rating	23,000 ft-lbs	30,000 ft-lbs
System Tensile Rating	500,000 lbs	732,000 lbs
Packer Element Rating	15,000 psi	12,500 psi