

WELL COMPLETIONS | LINER HANGERS

VersaFlex® high-torque expandable liner hanger system

Enhanced torque ratings for demanding wellbore environments

FEATURES

- Simplicity
- Multiple elastomers
- High circulating rates up to 18 bbl/min
- Redundant setting mechanisms
- Contingency release mechanism
- Premium high-torque connections

BENEFITS

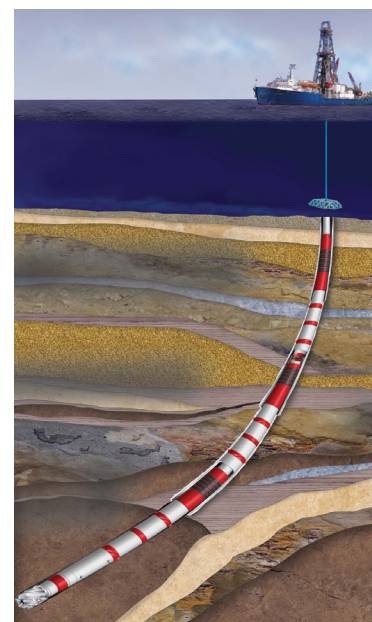
- Robust gas-tight liner-top seal
- Hydraulically energized seal upon setting
- Enhanced torque ratings
- No ID restriction

Overview

Downhole challenges, such as sloughing formations, differential sticking, or complex extended-reach drilling (ERD) environments, require reaming or drill-in with liner capabilities that can handle heavy torque and rotation. With its robust running tool specifically designed for harsh conditions, the Halliburton VersaFlex® High-Torque expandable liner hanger (ELH) system provides the ideal solution. Tertiary setting options and mechanical contingency release make this field-proven, high-torque system extremely valuable in demanding wellbore environments.

The VersaFlex ELH high-torque tool is the only liner hanger running tool on the market that offers a tertiary setting mechanism. Primary setting utilizes a flapper deployed upon bumping the plug. A secondary contingency option is to drop a ball allowing it to gravitate to seat or deploy using a timed ball-drop technique, and the third setting option is to mechanically activate the flapper for setting. This tool also offers a mechanical tool release feature that eliminates any contingency shear pin release mechanism, allowing the running tool to be retrieved when needed.

The VersaFlex High-Torque ELH system includes the rugged high-torque running tool as a companion to our ever-popular and reliable VersaFlex ELH. "Set and forget" sealing capability is made possible by the multiple elastomeric bands, which are hydraulically energized and sealed gas-tight to the parent casing at the liner top. The VersaFlex ELH is secure enough for bi-directional anchoring, which is testable upon setting. Its clean-form design allows a clear flow-path for cementing integrity, unsurpassed by any system in its class.



HAL36225

VersaFlex® high-torque ELH system torque ratings

TOOL SIZES (IN.)	EXISTING	NEW
11 7/8 x 13 3/8	45,000 ft/lb	-
9 5/8 x 11 7/8	45,000 ft/lb	-
7 5/8 x 9 5/8	12,000 ft/lb	37,000 ft/lb
5 1/2 x 7 5/8	12,000 ft/lb	30,000 ft/lb
5 x 7	12,000 ft/lb	30,000 ft/lb

For additional information, please contact your Halliburton representative.

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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