

## LINER THERMAL EXPANSION JOINT (LEJ)

### UNIT 331

The **TechWest Liner Thermal Expansion Joint** (LEJ) is used when thermal expansion down hole occurs from steaming operations in SAGD/CSS operations and the need to counter that effect down hole to keep packers set and elements in good condition.

The Thermal Expansion Joint is mounted below a Rotational Liner Thermal Hanger and torque may be transmitted through the tool when it is closed and in compression.

### FEATURES

- Torque is transmitted from full compression or extension
- Standard 10 foot stroke, and available in different lengths.
- 600F thermal pressure integrity
- Available in a variety of materials, and premium threads.

### OPERATION

Run to depth and space out the thermal liner string according to the anticipated expansion/contraction required to always keep the packer in the neutral position. Set the LTPRR or LSPR hydraulically and disconnect the running tools from the liner assembly.

