



## OVERVIEW

Logan's innovative Scope Spring-Loaded Tag Bar acts as a slotted tag bar that easily allows the option of direct circulation. This is the most effective and economical way of circulating in heavy oil sand-laden wells. The process involves minimal tubing weight to close the tag bar, which enables fluid movement through the bottom of the tag bar to remove sand bridges at the pump intake.

## FEATURES

- It enables you to circulate the pump into place
- Extremely reliable even after multiple circulation jobs
- The strong spring re-opens the tag bar after circulating
- Metal-to-metal seal ensures direct fluid movement
- Allows no turn to be run below a P.C. pump,
- Accommodates XXXL rotors and paddled rotors
- Available in 73 mm and 89 mm sizes
- Innovative, robust design
- Large slots provide optional flow characteristics in all fluids

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