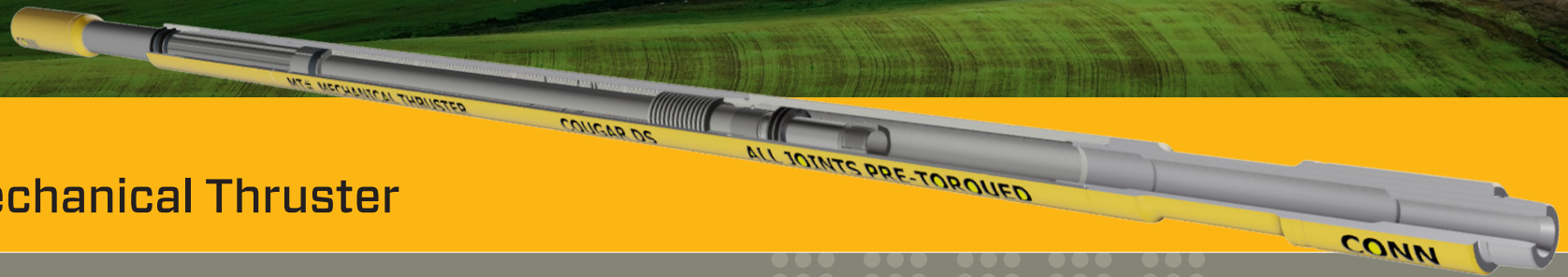


Every trip counts

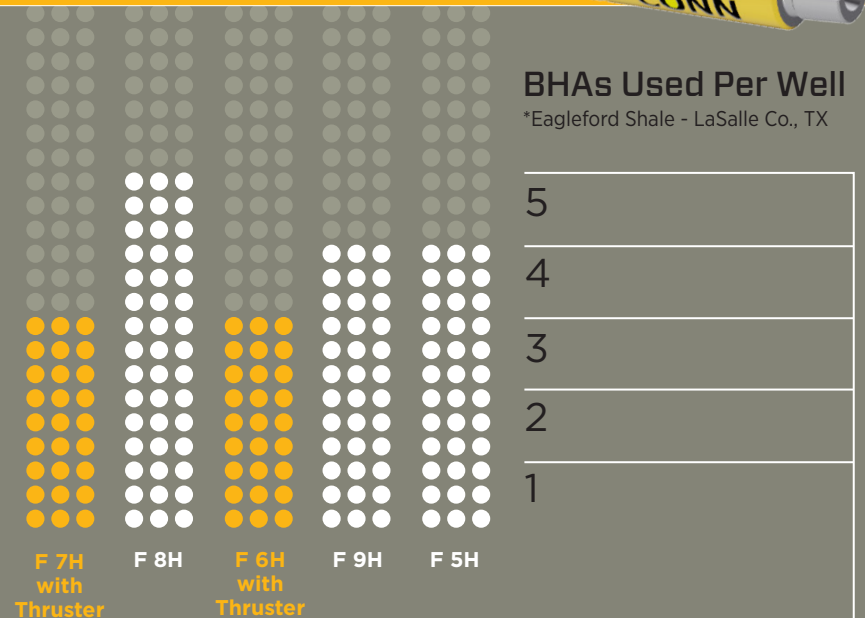


The Mechanical Thruster

Designed to increase reliability in your BHA components, The Mechanical Thruster provides more consistent drilling parameters from ROP, to WOB and DIFF.

The Mechanical Thruster provides a consistent force to the bit by balancing hydraulics (back pressure below tool) and mechanics (weight on bit). This balance provides smooth energy transfer to the bit—even in erratic situations.

Unplanned trips are expensive and burden your AFE. The Mechanical Thruster is proven to reduce excess trips and associated costs.

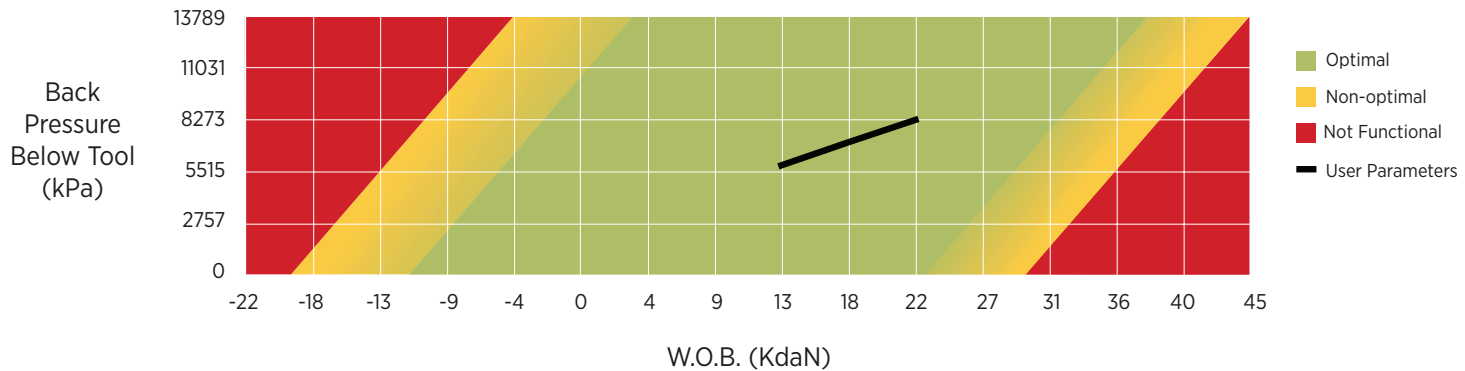


Specifications

	Size	UP	DOWN	Maximum temperature rating 204°C			
		Max Stroke Length (mm)	OAL (m)	OD (mm)	ID (mm)	Dry Weight (kg)	
MT3	500 - 127 mm	N/A	610	7.32	127	57.15	454
	650 - 165 mm	N/A	610	6.40	166	63.50	703
	800 - 203 mm	N/A	610	6.86	204	76.20	1,225
MT6	650 - 165 mm	204	204	6.04	166	63.50	726
	800 - 203 mm	305	305	6.86	204	76.20	1,361

MT6-650 Mechanical Thruster Optimization Example

Mechanical Thruster performance optimizations are tailored per job and based on well and BHA specifics.



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