

# AgitatorHE Surge System



## Agitator Specialty Tool

The new Agitator™HE Surge™ system is the latest addition to the NOV Agitator product line offering to meet the ever-growing demand for higher-flow-rated technologies.

The AgitatorHE Surge tool is a new technology specifically designed to be able to manage flow rates of up to 550 GPMs (5¼ in. OD), 850 GPMs (6½ in. OD), and 1,200 GPMs (7 in. OD) respectively. This product features a completely re-designed power section and a valve assembly. The AgitatorHE Surge functions at pressure drop of 500-600 psi (standard setup) and at operating frequency of 8-12 Hz.

This tool also features valves made out of higher-strength steel and higher-grade carbide, which makes them more resistant to wear and erosion due to the higher flow rates.

The AgitatorHE Surge tool enables our customers to run the NOV Agitator System in their most demanding flow rate applications.

### Specifications

<b>OD</b>	5¼ in.	6½ in.	7 in.
<b>Length</b>	13.5 ft	14.3 ft	14.1 ft
<b>Weight</b>	704 lb	1,160 lb	1,275 lb
<b>Flow rate</b>	200-550 gpm	400-850 gpm	450-1,200 gpm
<b>Pressure drop (Standard setup)</b>	500-600 psi	500-600 psi	500-600 psi
<b>Pressure drop (Plus setup)</b>	350-450 psi	350-450 psi	350-450 psi
<b>Operating frequency</b>	8-12 Hz	8-12 Hz	8-12 Hz
<b>Max Pull (at recommended makeup torque)</b>	465,000 lb	790,000 lb	815,000 lb
<b>Recommended makeup torque</b>	23,000 ft-lb	37,000 ft-lb	41,000 ft-lb
<b>Maximum temperature</b>	320°F	320°F	320°F
<b>Connections</b>	Delta™ 425, GPDS40, GPDS42 4" FH, CET43, XT39, XT43	4½" IF, Delta™ 494, Delta™ 527, XT50	4½" IF, XT57, HT55, GPDS50 GPDS55, Delta™ 544, Delta™ 576