



## SPOTLIGHT ON INNOVATION

# HIGH PRESSURE 250 VISCO JET®

The Lee Company's new High Pressure 250 Visco Jet is a multi-orifice restrictor that delivers the performance previously available through a 0.43" diameter cartridge in a significantly smaller 0.25" diameter package.

Designed with the patented Lee locking end for ease of installation, the High Pressure 250 Visco Jet is constructed entirely from stainless steel and rated for operating pressures up to 8,000 psid. It is available in a variety of Lohm rates ranging from 400,000 to 1.1 million Lohms. Custom flow rates are also available upon request.

The High Pressure 250 Visco Jet is the latest addition to The Lee Company's line of Visco Jets. These restrictors are uniquely designed with multiple spin chambers in series, each featuring a precise metering orifice. The Visco element provides a much larger minimum passage size compared to an equivalent single orifice. For example, a 0.0009" diameter single orifice can be replaced with Visco technology featuring a minimum passage of 0.005". This significant increase in minimum passage size allows for a much higher tolerance for contamination. In addition to providing a reasonable degree of viscosity compensation without the use of any moving parts, this multi-orifice configuration also lowers fluid velocity, reducing the possibility of erosion and cavitation.



### PERFORMANCE

- 0.25" Diameter Insert
- Lohm Rate Range: 400,000 – 1.1 Million Lohms
- Lohm Rate Tolerance:  $\pm 5\%$
- Bidirectional Flow
- Maximum Working Pressure: 8,000 psid

### APPLICATIONS

- Advanced Reliability for Applications Where Contamination Is a Concern
- High Lohm Rates Available for Space Launch Vehicle, Satellite, and Other Applications Requiring Very Low, Metered Flow
- Reliably Meter Flow in Drilling, Setting, and Completion Tools



## VISCO INNOVATION JUST GOT SMALLER.

### THE LEE COMPANY

2 Pettipaug Road, P.O. Box 424, Westbrook, Connecticut 06498-0424  
Tel: 860-399-6281 • Fax: 860-399-7037

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[www.theleeco.com](http://www.theleeco.com)

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