SPECTRUM® FUSION
Real-Time Electric and Fiber Optic Coiled Tubing

- Integrated Logging Capability
- Open Architecture
- No Power Limitation
- Enhanced Single Trip Capabilities
- Improved operations efficiency

Hybrid Cable
Electric and Fiber Optic

Real-Time Sensors
Precision in interventions

Wireline Capabilities
Plug and Play

Halliburton
SPECTRUM® FUSION
Real-Time Electric and Fiber Optic Coiled Tubing

Hybrid Cable

DTS / DAS

Cluster Efficiency
Flow Contribution
Well Integrity
Well Interference Monitoring

Vertical Seismic Profile
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Real-Time Electric and Fiber Optic Coiled Tubing

Wireline Capabilities
Plug and Play

Hybrid Cable
DTS / DAS

Cluster Efficiency
Flow Contribution
Well Integrity
Well Interference Monitoring
SPECTRUM® FUSION

Real-Time Sensors
Pressure / Temperature
Gamma Ray / Collar Locator
Tension / Compression / Torque
Inclination, Tool Face, Vibration

Wireline Capabilities
Plug and Play

Hybrid Cable
DTS / DAS
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Optimized milling operations
Pressure / Tension / Compression / Torque / Vibration
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Enhanced Stimulation Treatment
Pressure / Temperature / Collar Locator / GR
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Precision for Perforations
Gamma Ray / Collar Locator
Vibration / Pressure / Tool face
SPECTRUM® FUSION
Real-Time Electric and Fiber Optic Coiled Tubing

- Cable head with cable cutter
- Motor head assembly including rupture disk, flapper valves and hydraulic disconnect
- Intervention adaptor to connect all mechanical tools
- Ultra compact sensor module with P, T, CCL, GR, WOB, torque, inclination, tool face, vibration
- Wire line adaptor for all logging services
- OAL: 12.5' (2.25”) / 13' (3.375”)
# SPECTRUM® FUSION
Real-Time Electric and Fiber Optic Coiled Tubing

## FEATURES
- DTS/DAS (Fiber Optics)
- Pressure (Internal and External)
- Temperature
- Gamma Ray (GR)
- Casing Collar Locator (CCL)
- Tension / Compression / Torque

## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>2-1/4 in.</th>
<th>3-3/8 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sizes</td>
<td>2-1/4 in.</td>
<td>3-3/8 in.</td>
</tr>
<tr>
<td>Pump rates clean fluid</td>
<td>4 bpm</td>
<td>8.3 bpm</td>
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<tr>
<td>Pump rates abrasive</td>
<td>1 bpm</td>
<td>3.6 bpm</td>
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<tr>
<td>Tensile strength</td>
<td>45,000 lbf</td>
<td>60,000 lbf</td>
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<tr>
<td>Torque</td>
<td>800 ft-lb</td>
<td>2800 ft-lb</td>
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<tr>
<td>Rating</td>
<td>15,000 psi / 350°F / 1000 G</td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>12.5 ft.</td>
<td>13 ft.</td>
</tr>
</tbody>
</table>
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THANK YOU