DRILL PIPE PERFORMANCE CHARACTERISTICS SHEET

DRILL PIPE

Pipe Size and Weight: 5-1/2" x 24.7 PPI
Pipe Grade: S
Range: 2
Tool Joint: 7.00" x 4.0" 5-1/2FH

PIPE

Dimensional Data

<table>
<thead>
<tr>
<th>OD (in)</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.500</td>
<td></td>
</tr>
</tbody>
</table>

Wall thickness (in): 0.415
Minimum wall (%): 95.0
ID (in): 4.67
Cross sectional area pipe body (in²): 6.630
Cross sectional area OD (in²): 23.758
Cross sectional area ID (in²): 17.129
Section modulus (in³): 7.844
Polar section modulus (in³): 15.688

Performance Data

Torsional strength (ft-lbs): 101,834
Tensile strength (lbs): 894,999
80% Torsional strength (ft-lbs): 81,467
Burst Pressure capacity (psi): 17,826
Collapse capacity (psi): 17,019

TOOL JOINT

Dimensional Data

<table>
<thead>
<tr>
<th>OD (in)</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.000</td>
<td></td>
</tr>
</tbody>
</table>

ID (in): 4.000
Pin tong length (in): 10
Box tong length (in): 12
Connection: 5-1/2FH

Performance Data

Torsional Strength (ft-lbs): 55,833
Max Recommended Make-up Torque (ft-lbs): 33,560
Min Recommended Make-up Torque (ft-lbs): 25,170
Tensile strength (lbs): 1,265,802
Tool joint/Drill pipe torsional ratio (New pipe): 0.55

Drill pipe assembly with 5-1/2FH tool joint

Average length (ft): 31.5
Drift size (in): 3.875

Note: Tool Joint and Pipe body values were derived as per API RP 7G and DS1 Latest edition. The above values are for reference only. DPI LLC is not responsible or liable for any loss or damage or injury resulting from the use of above information.