# Tubing Data & Performance Sheet

## 2-7/8" 7.90# S-135 2-7/8" PH-6 Type w/ HB

### TUBE BODY DATA

| | | |
|---|---|---|
| **Tube OD** | 2.875 | in. |
| **Wall Thickness** | 0.276 | in. |
| **Tube ID** | 2.323 | in. |
| **Tensile Yield Strength** | 238,200 | lbs. (API Premium 80% Inspection Class) |
| **Torsional Yield Strength** | 13,500 | ft-lbs. (API Premium 80% Inspection Class) |
| **Tube Burst** | 20,700 | psi. (API Premium 80% Inspection Class) |
| **Tube Collapse** | 19,000 | psi. (API Premium 80% Inspection Class) |

### TUBULAR ASSEMBLY

| | | | | |
|---|---|---|---|---|
| **Approximate Length** | 30 | ft. | | |
| **Nominal Weight** | 7.90 | lbs./ft. | | |
| **Material Grade** | 135,000 | psi. | | |
| **Drift Diameter** | 2.229 | in. | | |
| **Displacement** | 0.1171 | gal./ft. | 0.0028 | bbls./ft. |
| **Capacity** | 0.2202 | gal./ft. | 0.0052 | bbls./ft. |
| **Compression Yield Strength** | 304,200 | lbs. | | |
| **Max Bending** | 215.0 | degrees/100 ft. | | |

### CONNECTION DATA

| | | |
|---|---|---|
| **Connection** | PH-6 Type | |
| **Connection OD** | 3.438 | in. |
| **Connection ID** | 2.265 | in. |
| **Threads per inch** | 6 | |
| **Make-Up Loss** | 3.040 | in. |

### MAKE-UP TORQUE

| | | |
|---|---|---|
| **Make-Up Torque - Minimum** | 3,800 | ft-lbs. |
| **Make-Up Torque - Optimum** | 4,300 | ft-lbs. |
| **Make-Up Torque Maximum** | 4,700 | ft-lbs. |

### CONNECTION PERFORMANCE

| | | |
|---|---|---|
| **Connection Torsional Strength** | Not Reported | |
| **Connection Tensile Strength** | 304,200 | lbs. |
| **External Pressure Capacity** | 23,400 | psi. |
| **Internal Pressure Capacity** | 22,700 | psi. |

### FEATURES

| | |
|---|---|
| **Hardbanding** | Casing Friendly; Pin x Box |

**Notes:**

- Referenced tube size, wall and assembly length are nominal, unless indicated otherwise. Values shown may vary with actual values due to OEM tolerances, rounding and other factors. Tubing is manufactured to API 5CT 87-1/2% RBW and inspected to minimum Premium Class (80% RBW).
- Maximum make-up torque is that value above which there is no additional benefit, or reason to exceed. It is not meant to indicate the maximum torque the connection can withstand.