As the land drilling market demands high torque at high speed, contractors require top drives that meet demands for longer laterals and deeper wells. The TDS-11HD builds upon the field-proven performance and brand quality of the TDS 11SA top drive, offering extra power and torque for increased drilling requirements.

Featuring two 600-horsepower induction motors plus gear box internals, the TDS-11HD yields more torque than previous top drive models in its size and class. The 500-ton main thrust bearing ensures hoisting capacity to handle heavy pipe. This means faster and deeper drilling, both vertically and horizontally, to help you reach your pay-zone in even the most demanding formations.

Offering the advantage of continued support through the global NOV network, engineering and aftermarket, the TDS-11HD enables drilling of wells beyond the technical limits of the standard top drive.

Contact your local NOV representative to learn how the TDS-11HD can improve your performance.

**Related Products:** TDS-11SAE
Up to 45% more power and torque

Features and benefits

**Two 600-horsepower induction motors**
- Dramatic increase in horsepower yields significantly more torque
- Enables drilling of wells beyond the technical limits of the standard top drive

**500-ton main thrust bearing**
- Ensures hoisting capacity to handle heavy pipe
- API 8C hoisting and rotating; dynamic and static

**Fits any mast currently using TDS-11SA Top drives**
- Minimizes downtime by using configurable components
- Delivers significantly more power in virtually the same footprint

**Available software enhancements**
- SoftSpeed II™, Twister

---

### Torque compare

<table>
<thead>
<tr>
<th>TDS11-SA</th>
<th>TDS11-HD Upgrade</th>
</tr>
</thead>
<tbody>
<tr>
<td>37,500 ft-lb @ 110</td>
<td>58,800 ft-lb @ 110</td>
</tr>
<tr>
<td>35,000 ft-lb @ 120</td>
<td>51,000 ft-lb @ 120</td>
</tr>
<tr>
<td>33,000 ft-lb @ 125</td>
<td>49,900 ft-lb @ 125</td>
</tr>
<tr>
<td>23,000 ft-lb @ 180</td>
<td>32,800 ft-lb @ 180</td>
</tr>
<tr>
<td>14,668 ft-lb @ 228</td>
<td>25,200 ft-lb @ 228</td>
</tr>
</tbody>
</table>

### Torque Curves for TDS-11SA and TDS-11HD

- **Note**: 560V, +40°C Rating

---

* -40°C is the standard operating temperature