CORKEN has enhanced the performance of the Z4200 truck pump. The industry leading enhancements improve the reliability and performance of the seal assembly, vanes, and vane drivers.

- **Improved Vane Design:**
  A 100% increase in the surface area of the leading edge improves durability.

- **New Material for Vane Drivers:**
  The new material is 60% stronger and lasts longer in high RPM applications.

- **Silicon Carbide Seal Seat:**
  Offers unmatched sealing performance and a longer service life.

### Flow Rate Comparison*

<table>
<thead>
<tr>
<th>RPM</th>
<th>500</th>
<th>600</th>
<th>650</th>
<th>750</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corken gpm (L/min)</td>
<td>236 (893)</td>
<td>289 (1,094)</td>
<td>316 (1,196)</td>
<td>369 (1,397)</td>
</tr>
<tr>
<td>Competitor gpm (L/min)</td>
<td>210 (795)</td>
<td>260 (984)</td>
<td>280 (1,060)</td>
<td>350 (1,325)</td>
</tr>
</tbody>
</table>

*All capacities are rated at 50 psid and system and condition dependent.*

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**Silicon Carbide Seal Seat:**
- Maximizes sealing performance and durability
- Requires less maintenance

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**NEW LEADING EDGE 2X THE THICKNESS**

**OLD LEADING EDGE**

**Leading Edge of Vane Has 2X the Thickness:**
- Extends vane life
- Improves durability

**Improved Vane Driver Material:**
- 60% stronger
- Increased wear resistance and durability