### 3" and 4.25" Oil Pumps – Specifications

#### 5:1 Oil Pump Specifications and Performance Testing

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping Ratio</td>
<td>5:1</td>
</tr>
<tr>
<td>Air Pressure</td>
<td>40 - 150 psi (2.7 - 10.3 bar)</td>
</tr>
<tr>
<td>Max. Output Pressure</td>
<td>750 psi (51 bar)</td>
</tr>
<tr>
<td>Air Inlet</td>
<td>½ NPTF</td>
</tr>
<tr>
<td>Material Outlet</td>
<td>½ NPTF</td>
</tr>
<tr>
<td>Material Inlet</td>
<td>1½ NPTF</td>
</tr>
<tr>
<td>Air Motor Bore Dia.</td>
<td>3 in. (76.2 mm)</td>
</tr>
<tr>
<td>Stroke</td>
<td>3¼ in. (82.5 mm)</td>
</tr>
<tr>
<td>Output Per Cycle</td>
<td>6.7 cu. in. (110 cc)</td>
</tr>
<tr>
<td>Cycles/Gal (Liter)</td>
<td>34.5 (9.1)</td>
</tr>
<tr>
<td>Wetted</td>
<td>Carbon Steel, Brass, Zinc, Polyurethane, Nitrile</td>
</tr>
<tr>
<td>Free Flow</td>
<td>7 gpm (26.5 lpm)</td>
</tr>
<tr>
<td>Overall Length (Stub)</td>
<td>17 ⁹⁄₁₆&quot; (442 mm)</td>
</tr>
</tbody>
</table>

Decibels less than 85 at all normal operating conditions

**NOTE:**

6:1 pumps for stub or wall mount only. Not for use with bung bushings. Use the suction kit and wall mount bracket that are packaged with the pump assembly model.
# 3" and 4.25" Oil Pumps – Specifications

## 10:1 Oil Pump Specifications and Performance Testing

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping Ratio</td>
<td>10:1</td>
</tr>
<tr>
<td>Air Pressure</td>
<td>40 - 150 psi (2.7 - 10.3 bar)</td>
</tr>
<tr>
<td>Max. Output Pressure</td>
<td>1500 psi (103 bar)</td>
</tr>
<tr>
<td>Air Inlet</td>
<td>3/4 NPTF</td>
</tr>
<tr>
<td>Material Outlet</td>
<td>3/4 NPTF</td>
</tr>
<tr>
<td>Material Inlet</td>
<td>1 1/2 NPTF</td>
</tr>
<tr>
<td>Air Motor Bore Dia.</td>
<td>4 3/4 in. (108 mm)</td>
</tr>
<tr>
<td>Stroke</td>
<td>3 3/4 in. (82.5 mm)</td>
</tr>
<tr>
<td>Output Per Cycle</td>
<td>7.2 cu. in. (118 cc)</td>
</tr>
<tr>
<td>Cycles/Gal (Liter)</td>
<td>32.1 (8.5)</td>
</tr>
<tr>
<td>Wetted</td>
<td>Carbon Steel, Brass, Zinc, Polyurethane, Nitrile</td>
</tr>
<tr>
<td>Free Flow</td>
<td>5 gpm (18.4 lpm)</td>
</tr>
<tr>
<td>Overall Length (Stub)</td>
<td>17 7/16&quot; (443 mm)</td>
</tr>
</tbody>
</table>

Decibels less than 85 at all normal operating conditions

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[Graph showing Mean Effective Pressure (psig) vs. Output (gpm) for SAE 10W at 70°F (21°C)]

### Pumping Ratio vs. Air Pressure

**V305000000**  
5:1 Bare Pump

**V406000000**  
6:1 Bare Pump

**V410000000**  
10:1 Bare Pump

Output (gpm)  
SAE 10W at 70°F (21°C)
3" Oil Pumps

**V30500SSU**
5:1 Stub/Universal Pump

Package Includes:
- Bare Pump
  Model No. V305000000
- Stub/Universal Kit
  Model No. K00000SSU
  - Bung Bushing
    Model No. 85824
  - Air Coupler/Nipple
    Model No. 5874/5875
  - 3/8" x 2' Air Hose
    Model No. 72024A
  - 1/2" x 2' Fluid Hose
    Model No. 73024
  - 90° Swivel
    Model No. 241584

**V305055BB**
5:1 55-gallon Pump

Package Includes:
- Bare Pump Model No. V305000000
- 55-gal. Bung Mount Kit Model No. K000055BB
  - Bung Bushing Model No. 85824
  - Air Coupler/Nipple Model No. 5874/5875
  - 3/8" x 5' Air Hose Model No. 273299
  - 1/2" x 5' Fluid Hose Model No. 73060
  - Down Tube Model No. 85807
  - 90° Swivel Model No. 241584

**V305016DC**
5:1 16-gallon Pump

Package Includes:
- Bare Pump
  Model No. V305000000
- 16-Gal. Drum Cover Kit
  Model No. K000016DC
  - Drum Cover
    Model No. 85826
  - Suction Tube
    Model No. 85806
  - Air Coupler/Nipple
    Model No. 5874/5875
  - 3/8" x 5' Air Hose
    Model No. 273299
  - 1/2" x 5' Fluid Hose
    Model No. 73060
3" Oil Pumps

**V305275BB**

5:1 275-gallon Pump

Package Includes:
- Bare Pump Model No. V305000000
  - Bung Bushing Model No. 85824
  - Air Coupler/Nipple Model No. 5874/5875
  - 3/8" x 5' Air Hose Model No. 273299
  - 1/2" x 5' Fluid Hose Model No. 73060
  - Universal Suction Tube Model No. 85949

**V305005WM**

5:1 Wall Mount Pump

Package Includes:
- Bare Pump Model No. V305000000
- Remote Suction Kit Model No. 84945
- Wall Mount Kit Model No. 275398
  - Air Coupler/Nipple Model No. 5874/5875
  - 3/8" x 5' Air Hose Model No. 273299
  - 1/2" x 5' Fluid Hose Model No. 73060
  - 90° Swivel Model No. 241584
  - Wall Mount Assy Model No. 275413

**V305055LT**

5:1 55-Gallon Lube Truck Pump

Package Includes:
- Bare Pump Model No. V305000000
- Drum Cover and Hose Kit Model No. K000055LT
  - 400 lb. Drum Cover with Tie Rods Model No. 83115
  - Down Tube Model No. 85807
  - Lifting Eye Model No. 275415
  - Air Coupler/Nipple Model No. 5874/5875
  - 3/8" x 5' Air Hose Model No. 273299
4.25" Oil Pumps

V40600SSU
6:1 Stub Pump

Package Includes:
• Bare Pump Model No. V406000000
• 6:1 Stub Kit Model No. K40600SSU
  – Air Coupler/Nipple
    Model No. 5874/5875
  – 3/8" x 2' Air Hose
    Model No. 72024A
  – 1/2" x 2' Fluid Hose
    Model No. 73024
  – 90° Swivel
    Model No. 241584

6:1 pumps for stub or wall mount only. Not for use with bung bushings.

V406005WM
6:1 Wall Mount Pump

Package Includes:
• Bare Pump Model No. V406000000
• Remote Suction Kit Model No. 84945
• Wall Mount Kit Model No. 275398
  – Air Coupler/Nipple
    Model No. 5874/5875
  – 3/8" x 5' Air Hose
    Model No. 273299
  – 1/2" x 5' Fluid Hose
    Model No. 73060
  – 90° Swivel Model No. 241584
  – Wall Mount Assy
    Model No. 275413
4.25" Oil Pumps

**V410005SU**

*10:1 Stub/Universal Pump*

Package Includes:
- **Bare Pump Model No. V410000000**
- **Stub/Universal Kit Model No. K000005SU**
  - Bung Bushing Model No. 85824
  - Air Coupler/Nipple Model No. 5874/5875
  - 3/8" x 2' Air Hose Model No. 72024A
  - 1/2" x 2' Fluid Hose Model No. 73024
  - 90° Swivel Model No. 241584

**V410055DC**

*10:1 55-gallon Pump with Drum Cover*

Package Includes:
- **Bare Pump Model No. V410000000**
- **55-gal. Drum Cover Kit Model No. K000055DC**
  - Drum Cover Model No. 85827
  - Suction Tube Model No. 85807
  - 90° Swivel Model No. 241584
  - Air Coupler/Nipple Model No. 5874/5875
  - 3/8" x 5' Air Hose Model No. 273299
  - 1/2" x 5' Fluid Hose Model No. 73060

**V410055BB**

*10:1 55-gallon Pump with Bung Bushing*

Package Includes:
- **Bare Pump Model No. V410000000**
- **55-gal. Bung Mount Kit Model No. K000055BB**
  - Bung Bushing Model No. 85824
  - Air Coupler/Nipple Model No. 5874/5875
  - 3/8" x 5' Air Hose Model No. 273299
  - 1/2" x 5' Fluid Hose Model No. 73060
  - Down Tube Model No. 85807
  - 90° Swivel Model No. 241584
**4.25" Oil Pumps**

### V4100005WM

**10:1 Wall Mount Pump**

Package Includes:
- Bare Pump Model No. V410000000
- Remote Suction Kit Model No. 84945
- Wall Mount Kit Model No. 275398
  - Air Coupler/Nipple Model No. 5874/5875
  - 3/8" x 5' Air Hose Model No. 273299
  - 1/2" x 5' Fluid Hose Model No. 73060
  - 90° Swivel Model No. 241584
  - Wall Mount Assy Model No. 275413

### V410055LT

**10:1 55-gallon Lube Truck Pump with Drum Cover**

Package Includes:
- Bare Pump Model No. V410000000
- Drum Cover and Hose Kit Model No. K000055LT
  - 400-lb. Drum Cover with Tie Rods
    Model No. 83115
  - Down Tube Model No. 85807
  - Lifting Eye Model No. 275416
  - Air Coupler/Nipple Model No. 5874/5875
  - 3/8" x 5" Air Hose Model No. 273299

### V410055LB

**10:1 55-gallon Lube Truck Pump with Bung Bushing**

Package Includes:
- Bare Pump Model No. V410000000
- 55-gal. Lube Truck Kit with Bung Bushing
  Model No. K000055LB
  - Bung Bushing Model No. 85824
  - Tie Rod Kit Model No. 83131
  - Suction Tube Model No. 85807
  - Air Coupler/Nipple Model No. 5874/5875
  - 3/8" x 5" Air Hose Model No. 273299