Melling Oil Pump Helical Asymmetrical Steel Gears
Improved Efficiency, Performance, and Durability

NEW!!
“SHARK TOOTH” Gear Technology!!
Available in both Billet Aluminum and Cast Iron

Multi-patented design resulting in the most technically advanced performance wet sump oil pump available for GM / Chevy applications

- Reduced pressure ripple, smoother flow
- Reduced torque ripple in pump drive
- Improved distributor operation
- Improved shaft and gear wear
- NO MORE OIL PULSING!

Melling Performance
2620 Saradan Drive
Jackson, MI 49204
517-787-8172
www.melling.com
### 10552ST

**Melling Part Number**: 10552ST  
**Description**: 10% High Volume, High Pressure Oil Pump  
Performance upgrade of 10553ST and 10554ST. Street and Strip Applications.

**Features**
- Cast iron housing & cover with phosphate coating  
- Exclusive billet steel Shark Tooth helical gears reduce pressure ripple, reduce torque ripple, improve distributor operation and improve shaft and gear wear  
- Includes 12550 chrome-moly steel intermediate drive shaft w/steel guide  
- Drive and idler shafts extended into cover for additional support  
- Cover is doweled to pump housing to ensure alignment of shaft bores  
- Includes optional pressure springs (-10 psi and +10 psi) (not installed)  
- Uses 3/4" diameter press fit or bolt on oil pump screen (not included)  
- Includes oil pump screen gasket, assembly bolts and wrench

### 10555ST

**Melling Part Number**: 10555ST  
**Description**: 25% High Volume, High Pressure Oil Pump  
Performance upgrade of 10555ST. Street and Strip Applications.

**Features**
- Cast iron housing & cover with phosphate coating  
- Exclusive billet steel Shark Tooth helical gears reduce pressure ripple, reduce torque ripple, improve distributor operation and improve shaft and gear wear  
- Includes 12550 chrome-moly steel intermediate drive shaft w/steel guide  
- Drive and idler shafts extended into cover for additional support  
- Cover is doweled to pump housing to ensure alignment of shaft bores  
- Includes optional pressure springs (-10 psi and +10 psi) (not installed)  
- Uses 3/4" diameter press fit or bolt on oil pump screen (not included)  
- Includes oil pump screen gasket, assembly bolts and wrench
# Melling Oil Pumps

## 25% High Volume, High Pressure Performance Oil Pumps

### Small Block GM Engines 262-400 CID

#### Features
- Cast iron housing & cover with phosphate coating
- Exclusive billet steel Shark Tooth helical gears reduce pressure ripple, reduce torque ripple, improve distributor operation and improve shaft and gear wear
- Includes 12550 chrome-moly steel intermediate drive shaft w/steel guide
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring (not installed)
- Uses 3/8" diameter press fit oil pump screen (not included)

### Melling Part Number Description

<table>
<thead>
<tr>
<th>Melling Part Number</th>
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</tr>
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<tbody>
<tr>
<td>10550ST</td>
<td>25% High Volume, High Pressure Oil Pump Performance upgrade of M155HV. Street and Strip Applications.</td>
</tr>
</tbody>
</table>

### (262 - 400 S.B.) OHV - 1957-04 - 8 Cyl. 25% High Volume, High Pressure Performance Oil Pump

#### Features
- Cast iron housing & cover with phosphate coating
- Exclusive billet steel Shark Tooth helical gears reduce pressure ripple, reduce torque ripple, improve distributor operation and improve shaft and gear wear
- Includes 12550 chrome-moly steel intermediate drive shaft w/steel guide
- High pressure (+10 psi) spring installed
- Includes optional standard pressure spring (not installed)
- Uses 3/8" diameter press fit oil pump screen (not included)

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<td>10551ST</td>
<td>25% High Volume, High Pressure oil pump Performance upgrade of M155HV. Street and Strip Applications.</td>
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### Features

- Cast iron housing & cover with phosphate coating
- Exclusive billet steel Shark Tooth helical gears reduce pressure ripple, reduce torque ripple, improve distributor operation and improve shaft and gear wear
- Includes 12550 chrome-moly steel intermediate drive shaft w/steel guide
- High pressure (+10 psi) spring installed
- Includes optional yellow standard pressure spring (not installed)
- Uses 3/4" diameter press fit oil pump screen (not included)
(262 - 400 S.B.) OHV - 1957-04 - 8 Cyl. 25% High Volume Performance Oil Pump

Billet Aluminum Upgrade of 10555ST

Available in 3 High Volume Options

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<tr>
<td>10050ST-700CT</td>
<td>25% High Volume Billet Aluminum For 7” Pan. Circle Track Racing</td>
</tr>
<tr>
<td>10050ST-750SS</td>
<td>25% High Volume Billet Aluminum For 7-1/2” Pan. Street &amp; Strip</td>
</tr>
<tr>
<td>10050ST-825SS</td>
<td>25% High Volume Billet Aluminum For 8-1/4” Pan. Street &amp; Strip</td>
</tr>
</tbody>
</table>

Features

• 25% higher volume than stock oil pump
• Lightweight billet 6061-T6 aluminum housing and cover
• Exclusive billet steel Shark Tooth helical gears reduce pressure ripple, reduce torque ripple, improve distributor operation and improve shaft and gear wear
• Includes 12550 chrome-moly steel intermediate drive shaft w/steel guide
• Supercharged inlet for improved performance at high RPM's
• Pump shafts extended into cover for additional support
• Includes optional pressure springs to increase or decrease 10 psi
• Integrated oil pickup screen
### Billet Aluminum Upgrade of 10552ST

**Available in 3 Standard Volume Options**

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**Features**

- Lightweight billet 6061-T6 aluminum housing and cover
- Exclusive billet steel Shark Tooth helical gears reduce pressure ripple, reduce torque ripple, improve distributor operation and improve shaft and gear wear
- Includes 12550 chrome-moly steel intermediate drive shaft w/steel guide
- Supercharged inlet for improved performance at high RPM’s
- Pump shafts extended into cover for additional support
- Includes optional pressure springs to increase or decrease 10 psi
- Integrated oil pickup screen

**Circle Track Racing Only**

- 10055ST-700CT
- 10055ST-750SS
- 10055ST-825SS

**Street & Strip**

- 10055ST-700CT
- 10055ST-750SS
- 10055ST-825SS

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Melling Engine Parts are manufactured with key advantages. Each part is backed by resources, technologies and people who are the very best in the world at designing, manufacturing and building exceptional products. Melling Performance parts deliver “An Advantage by Design.”