

## Types of Morel Hydraulic Lifters

**1. Street Performance** – The Street Performance hydraulic roller lifters are made from a cold formed body with a clipped axle and have 6500 RPM capability. These lifters have .120” plunger travel and have an 80% fill rate with the test oil. The roller wheel O.D. in this series are .700” diameter.

**Recommended Spring Pressure:**

100-180lbs Seat pressure

280-380lbs Open pressure

**2. Performance** – The Performance hydraulic roller lifters are made from a billet steel body with a clipped axle and have 7000 RPM capability. These lifters (**4602,4603, 4708, 5206, 6087, 6398**) have a .750” O.D. roller wheel. These lifters have a .120” plunger travel and have an 80% fill rate with the test oil.

**Recommended Spring Pressure:**

100-200lbs Seat pressure

280-400lbs Open pressure

**3. Hi-RPM** – The Hi-RPM hydraulic lifters are made from a billet steel body and have a clipped axle. These lifters (**5044, 5045, 5294, 5468, 5470, 5472, 5879, 5891, 6072, 6074, 6083, 6085, 6451, 7687**) have a .750” O.D. roller wheel for the .842” & .875” diameter lifters, and an .810” O.D. wheel for the .903” diameter lifters. The internal tolerances are much tighter in this series.

**Do Not Use Oil Heavier Than 5W40!**

**Recommended Spring Pressure:**

100-225lbs Seat pressure

350-550lbs Open pressure

**4. HLT** – The HLT lifters, also known as Limited Travel lifters, have a clipped axle and are intended to be used in Stock Racing Classes where some plunger travel is required. These lifters (**4789, 4795, 5327, 5329, 5850, 6402, 7530, 7790, 7797, 7803, 7805, 7809, 7811, 7813**) have between .015”-.030” plunger travel before going solid. Due to the short plunger travel on these lifters, there is some valve train noise that can be associated with them.

**Recommended Spring Pressure:**

100-250lbs Seat pressure

285-650lbs Open pressure