

Types of Hydraulic Lifters

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

Recommended Spring Pressure

100-180lbs Seat pressure

280-380lbs Open pressure

2. Performance – The Performance hydraulic lifters are made from a billet body with a clipped axle and have 7000 RPM capability. These lifters (**4602, 5206, 4603, 6087**) have a .750” diameter roller wheel. These lifters have .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 body and have a clipped axle. These lifters have 7000+ RPM capability with .120” plunger travel and have an 80% fill rate with the test oil. These lifters (**5044, 5468, 5294, 5472, 5045, 5470, 5879, 6083, 5891, 6085, 6072, 6074**) have a .750” diameter roller wheel for the .842” & .875” diameter lifters and a .810” diameter roller 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 also known as Limited Travel lifters have a clipped axle and are intended for use in Stock Racing Classes where some plunger travel is required. These lifters (**4789, 5850, 4795, 6402, 5327, 5329**) 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