

SUPERCHARGER OIL & OIL LEVEL RECOMMENDATIONS

Do not use just "any oil" in the Kenne Bell supercharger. It utilizes unique gears and seals that can be adversely affected by some oils. Therefore, Kenne Bell recommends using only the Kenne Bell factory supplied supercharger oil. We know better than anyone what oil blend works best in our superchargers and do not care to debate the issue with anyone.

We use a specially formulated blend of friction and anti foam modifiers based on Lucas Synthetic 50W Racing Oil with a blue die that colors the clear oil so it can be seen on the supercharger oil dipstick. The standard Lucas oil is so clear and pure that there is no color to the oil. Cost of this oil blend from Kenne Bell is \$6.99 and comes in a special plastic easy to use dispenser bottle.

We use Lucas because we believe it to be the best oil available. That does not imply that other oils are not perfectly adequate for engines or transmissions. Superchargers just require a dedicated oil.

For normal use, we recommend changing the oil every 12,000 miles. Severe use will require more frequent changes.

The standard bottle holds 7 ounces and - depending on the kit - the supercharger takes approximately 5 ounces.

LOWER OIL LEVEL (20-26 PSI)

The recommended oil level (with the dipstick screwed in) covers a wide range from the top mark (maximum) to 3/8" below the bottom mark. For higher boost levels (20-26 psi) lower the oil to 1/4" below bottom mark on dipstick as shown. Air temperature also has an effect on your supercharger oil temp i.e. those "hot air" exposed underhood filters we continually warn about. Remember to CHECK LEVEL FREQUENTLY. 3/8" below bottom mark is MINIMUM oil level. Keep oil in this -1/4" to -3/8" range with 20-26 psi boost.

We hope this information will help you to better understand the limitations of your supercharger and avoid any future problems.

TECH NOTE:

Higher rpm and boost will increase oil temperature in any supercharger or engine. For competition and especially high boost street applications, dropping the oil level reduces oil turbulence from the gears and lowers oil temperature and internal pressure.

NOTE: Setting oil level at RACE LEVEL will reduce supercharger PC (power consumption) by 15HP with a substantial reduction in oil temperature at maximum recommended RPM (18,000).

OIL LEVEL GUIDE

6-15 PSI	Between 2 marks
16-19 PSI	Between bottom mark and 1/4" below
20-26 PSI	1/4" below bottom mark

Fill with small funnel until oil reaches correct level (DO NOT OVERFILL).

DIPSTICK CAP
Check level with dipstick screwed in all the way.

SUPERCHARGER

