

REMOTE OIL THERMOSTAT



HOW THE REMOTE OIL THERMOSTAT WORKS:

The remote oil thermostat has fail safe features that are built in to avoid all possible problems. The valve is partially open when cold, to allow oil in cooler system to be pre-warmed or to avoid air pockets. When the valve is closed, it has slight relief to make up for restrictions elsewhere in the system; such as a stacked plate coil, a coil that is too small, small restrictive oil lines, etc.

The thermostat begins to activate between 180 and 190 F (82 and 88 C). The valve closes and forces the oil through the oil cooler coil, thus cooling the oil.

The oil cooler remains full of oil at all times, and avoids trapping air or foaming the oil. The thermostat can handle flow rates up to 20 GPM and pressure rates up to 200 PSI.

Provides quick engine/transmission warm-up in extreme cold climates.

INSTALLATION INSTRUCTIONS

Install fittings into the four threaded ports. If the threads are NPT (tapered pipe thread) use teflon tape and torque to 28 ft. lbs. (9Nm).

Locate a convenient location to interrupt the oil cooler lines. Be sure to keep the lines free from sharp edges or bends. The thermostat can be secured using standard tie wrap.

Connect the oil lines FROM the engine or transmission to either of the "E" ports (E1 or E2) on the thermostat.

Connect the oil lines from the oil cooler coil to the "C" ports (C1 or C2) on the thermostat. It makes no difference which line goes to which port.