

Remote Oil Heating System

The Hot Setup -- COMPETITION OIL HEATER USES hot water from **The Hot Setup** -- COMPETITION ENGINE HEATER to heat engine oil.

The oil heating system consists of:

1. Aluminum case
2. Positive displacement pump (available in 120 Volt or 230 Volt)
3. Water-to-oil heat exchanger
4. Hoses for connection to the engine coolant heater
5. Hoses with 30 Micron oil filter for connection to oil tank

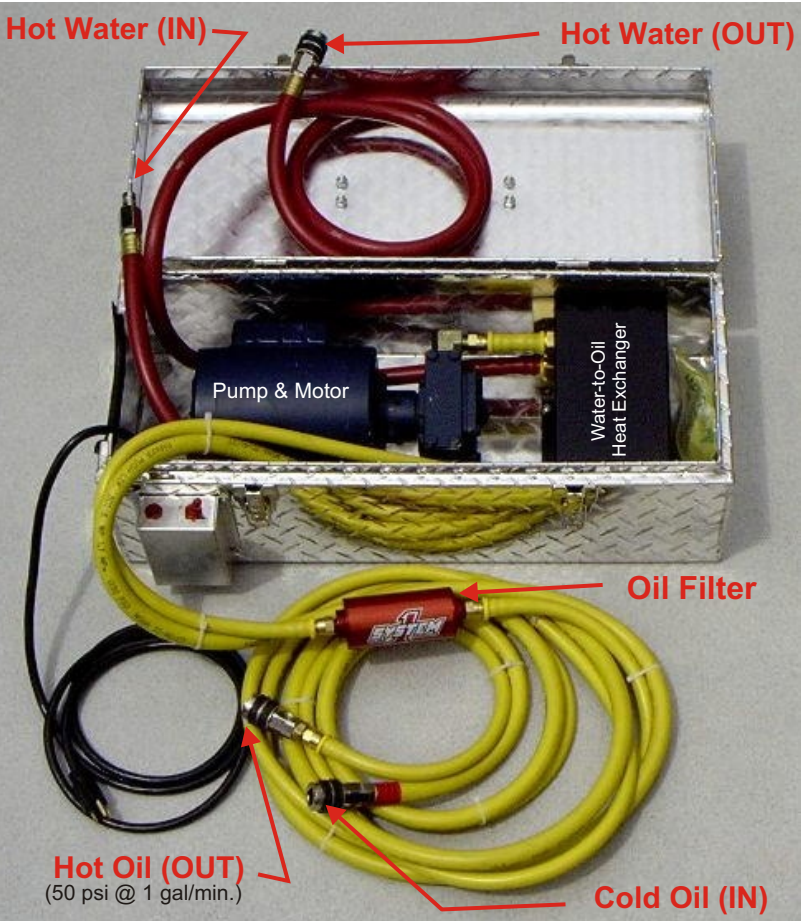
The pump sucks oil from the bottom of the oil tank, pumps it through the heat exchanger, and returns the hot oil, through the oil filter, to the top of the oil tank. Air is removed from the oil when it is pushed through the 30 Micron oil filter screen. **May also be used to heat transmission oil or differential oil.**

Due to motor oil's inability to transmit heat efficiently when heated with an electric heater, the oil, which contacts the electric heater's high temperature surface, becomes overheated and burns. Burning the oil degrades the oil's additives and lowers its lubricating ability. It can also cause the oil to carbonize, leaving carbon deposits which can cause major damage to the engine's lubricated surfaces.

The use of hot water to heat oil ensures the oil will not be degraded by overheating. By circulating oil through the highly efficient water-to-oil heat exchanger, the oil is heated evenly and rapidly.

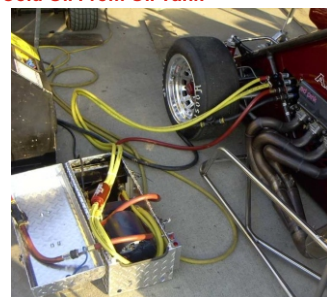
The versatility of the engine heater and oil heater units allows only the car's coolant to be heated, only the engine's oil to be heated, or the coolant and oil to be heated together.

Engine Pre-Lube
By connecting the "Hot Oil (out)" hose to one dry-break fitting installed in the oil gallery, the entire engine (including cam & lifters) can be pre-lubed with a quart of hot pressurized oil in 15 seconds.



Oil Heater Connections
Hot Oil To Oil Tank
Cold Oil From Oil Tank

Engine Coolant Heater Connections
Hot Water Out
Hot Water In



Example Installation

Nothing is installed in the inside of the oil tank.
All heating is accomplished by pumping the oil out of the oil tank, heating it, and returning the hot oil to the oil tank.
Can also be used for wet sumps.

Racer Net \$1,395.00

(Price does not include oil tank fittings)

SPEED PARTS INTERNATIONAL

2190 San Luis Road
Walnut Creek, CA 94597

Tel: (925) 945-8178
Fax: (925) 930-9516

www.speedpartsinternational.com