

Driveline Accessories

Cooler Pumps



Tilton cooler pumps are ideal for pumping oil through transmission and differential coolers. They can also be used for many other applications, such as emptying fuel tanks or circulating coolant. Each pump features an internal bypass valve and is self-priming up to 8-ft above the source from which it draws. Tilton cooler pumps are a positive displacement type of pump, so their output is directly proportional to the motor speed. For example, if a lighter load increases the motor speed by 25%, then the flow rate increases by 25%.

Buna model

Designed for use with standard oils and coolants.

Viton model

Designed for use with corrosive fluids such as alcohol.

Intermittent Use Pumps

Pump Motor Duty Cycle: 1-2 hr with 15 minute cool down

P/N: 40-524 (Buna) | P/N: 40-525 (Viton)

Designed for applications where pump does not need to be used continuously, such as being turned on/off by the driver or by a relay at an established temperature. Options include Buna or Viton rubber diaphragm and check valve.

Continuous Duty Pumps

Pump Motor Duty Cycle: Up to 1000 hours continuous

P/N: 40-527 (Buna)

Designed for applications where the pump needs to operate continuously for longer than 2 hours at a time without cool down.

P/Ns:	See List
Pump head ports:	3/8" NPT
Recommended line size:	AN-8
Smallest line size:	AN-4
Flow Rate:	1-2 GPM (varies by load)
Maximum Pressure:	50 PSI
Continuous Duty Temp:	40° – 160° F (4° – 71° C)
Intermittent Use Max Temp:	265° F (130° C)

Power: **12-Volt DC**

Dimensions (L x W x H):

Intermittent Use Models: **7.63" x 3.93" x 3.62"**

Continuous Duty Model: **8.57" x 3.93" x 3.62"**

Weights:

Intermittent Use Models: **3.5 lbs. (1.6 kg)**

Continuous Duty Model: **5.5 lbs. (2.5 kg)**

Typical Applications

- Transmission Cooler
- Differential Cooler
- Coolant Distribution
- Fuel Tank/Line Flush

Cooler Pumps

Intermittent duty, Buna diaphragm	40-524
Intermittent duty, Viton diaphragm	40-525
Continuous duty, Buna diaphragm	40-527

Service Parts **Part Numbers**

Diaphragm kit

Buna	40-902
Viton	40-912

Check valve assembly

Buna	40-934
Viton	40-935