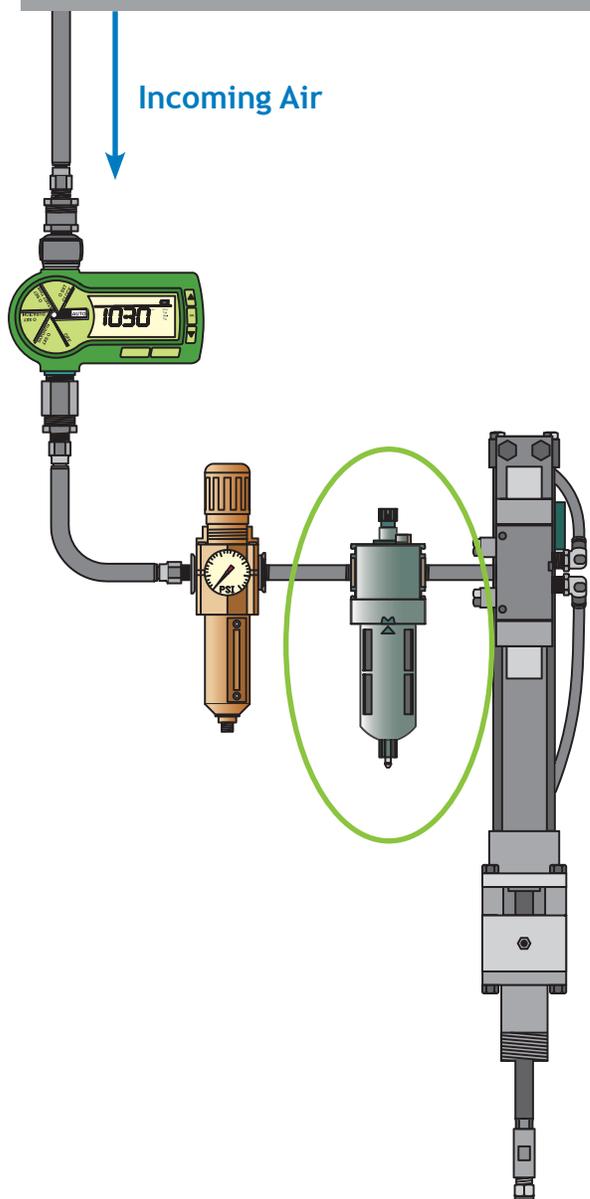


# Pneumatic Pump Cylinder Oiler



## WHAT IS A CYLINDER OILER?

The pneumatic pressure-driven unit ensures that moving parts inside the drive-motor enclosure receive proper lubrication. Incoming air pressure pushes minute amounts of oil into the cylinder. Often the cylinder oiler is attached after a filter regulator (see the filter regular fact sheet).

## WHY IS IT IMPORTANT?

All moving parts require lubrication. A cylinder oiler delivers consistent and reliable lubrication, which improves motor life and efficiency. An oiler, particularly when linked with a filter regulator, is important in difficult, stressful applications such as pumping dense and sticky liquids, and for pumps situated in dusty, dirty and extreme temperature environments. Lack of lubrication can cause pump motors to seize and possibly invalidate the warranty.

## HOW TO INSTALL

Connect the incoming air line to the oiler and the oiler to the driver air-intake port with ¼" nipples. If also using a filter regulator, connect the air to the regulator, then to the oiler and then to the intake port using ¼" nipples. Note that with larger oilers, it may be necessary to use a ½" bushing to the nipple.



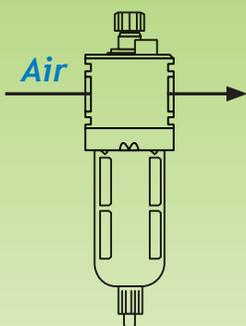
Small and large cylinder oilers are constructed with a lightweight aluminum shell and a transparent polycarbonate bowl at the bottom, protected by the shell. The bowl may be refilled, or removed and replaced.



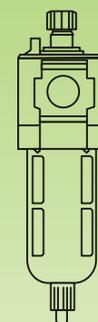
## Blackhawk recommends

Using a 10w synthetic, non-detergent air-compressor oil, such as Fuchs air lube 10 PAO, and linking the oiler to a filter regulator.

## How It Works



Pressurized air enters the unit and passes through an inlet valve to the oil-filled polycarbonate bowl at the bottom. The air is infused with microscopic droplets of oil, then exits the unit through a hole connected to the 3" long nipple and enters the cylinder through the intake. Reciprocating action of the cylinder's drive rod regulates opening and closing of the entry valve.

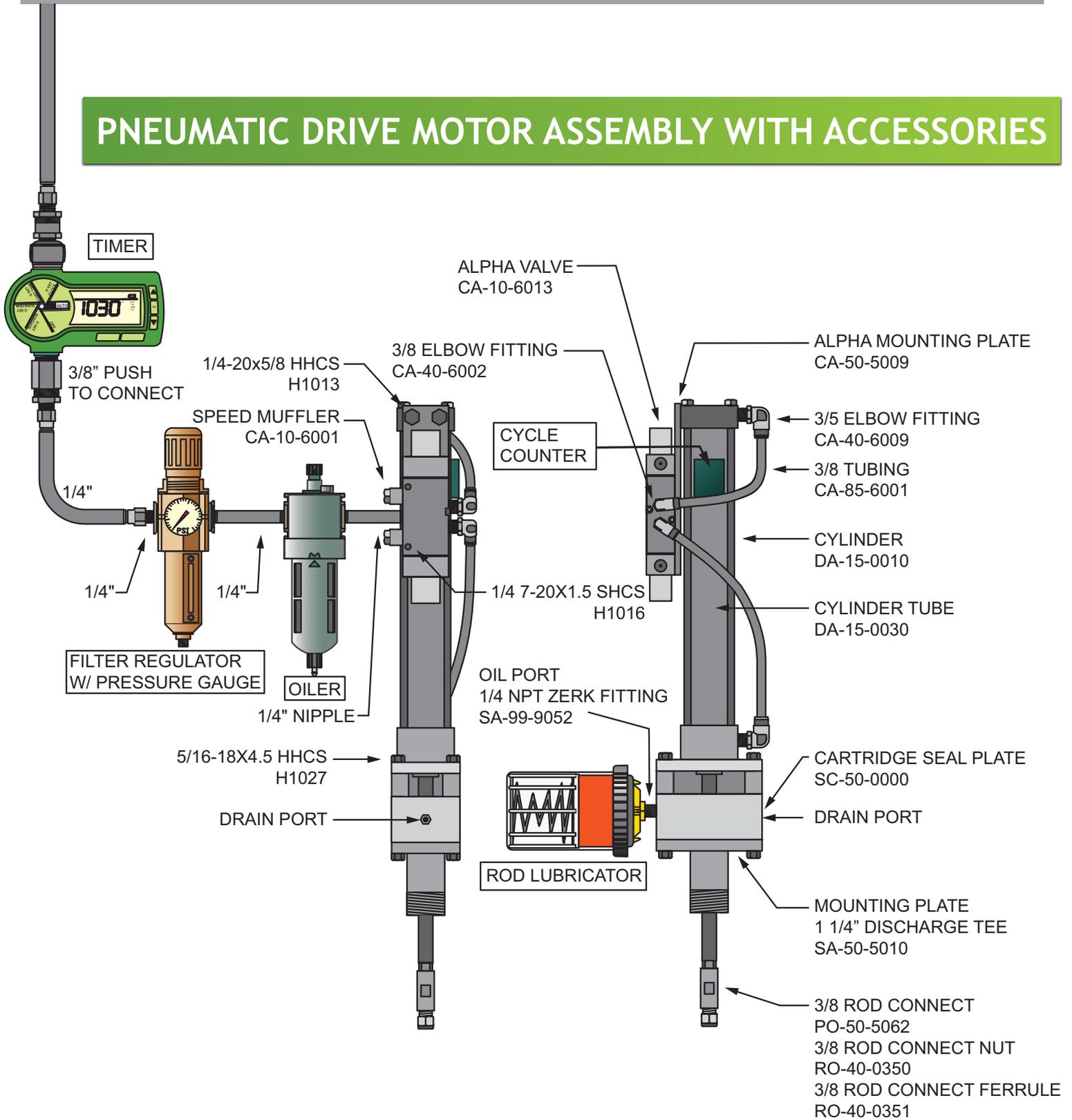


Maximize your investment in Blackhawk Pumps

Fact Sheet #2

# Pneumatic Pump Cylinder Oiler

## PNEUMATIC DRIVE MOTOR ASSEMBLY WITH ACCESSORIES



The best-performing environmental pump in the business

