

Lubrication Pumps



Turbine meters require routine maintenance, including lubrication, to insure measurement accuracy and enhance the service life of the meter.

Pressures up to 500 PSIG

For meters operating up to 500 PSIG, a plunger-type pump is available (Part Number 93723K002) that contains the following:

- Lubrication Gun
- Carrying Case
- 8 oz. Bottle of Anderol 401-D Oil

To use, simply pull the plunger out of the barrel, fill through the bottle spout cap with Anderol 401D lubricating oil (or Elster American Meter approved equivalent) to about 3/4" from the end of the barrel. Insert the plunger into the barrel until the o-ring is just inside.

Connect the pump onto the oil fitting located on the top of the turbine meter's top plate. Push the plunger in until it bottoms. One stroke will normally be enough to lubricate the meter. Excessive oiling will result in oil being blown downstream of the meter.

For normal service, lubricate the meter once or twice a year. More frequent lubrication may be necessary if the gas is contaminated with dust or entrained condensates or in high pressure, high flow applications.

Pressures over 500 PSIG

For meters operating over 500 PSIG, use the single speed hydraulic hand pump (Part Number 93723K001). This pump has two-speed operation, a large, durable, rugged glass-filled nylon reservoir, internal relief valves to protect the hydraulic system, non-conductive fiberglass handle, and a handle lock.

This kit includes:

- Hydraulic Hand Gun
(Filled with Anderol 401-D oil)

This system will require one or two pumps to prime and five to six pumps to lubricate the meter.

Description	Part Number
1 Quart Anderol 401-D	34928G004
8 oz Anderol 401-D	52240G003



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Meter Services

About Elster Group

Elster Group is the world's leading manufacturer and supplier of highly accurate, high quality, integrated metering and utilization solutions to the gas, electricity and water industries.

The group has over 7,500 staff, operations in 38 countries and serves over 115 markets around the world. Elster's high quality products and systems reflect the wealth of knowledge and experience gained from over 170 years of dedication to measuring precious resources and energy.

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EMS-DS0003-EN-P - February 2008