

LUBRICATION OIL GEAR PUMP (FTMP)



STANDARD



MONOBLOCK

GEAR OIL PUMPS MANUFACTURER

Fluid Tech Systems offers “**ROTOFLUID**” brand gear pump Model “FTMP” (Gear Oil Pump, Lubrication Oil Gear Pump, Gear Box Oil Lubrication Pump, Mini Rotary Gear Pump, Crusher Gear Oil Pump) which is compact size and flange mounting type positive displacement Trochoid gear pump. The design of the pump is geroter based. Due to accuracy of the geroters, the whole pump assembly becomes compact and absolutely free from any noise. Based on mounting, these pump are made of flange type. These pumps are widely used where minimum flow of liquid is required.

As per the rate of delivery, there are eight size available. These pumps can be operated up to pressure of 10 kg/cm² with 0.5 LPM to 40 LPM flow capacity and viscosity range 10 to 1000 CST. The delivery rate is given in LPM at 1440 RPM of the shaft. These can be run in the range of 100 to 200 RPM and maximum temperature 80°C

FTMP MONOBLOCK PUMP

Simple and compact designs of Monoblock pumps are available in this model.

Monoblock version is very easy to portable one to another place and it does not require to align every time when coupled with electric motor. Monoblock version save space and reduces down time. Compact and good finish monoblock pump assembly motor makes it a noiseless proposition.

Gear Oil Pump Material of Construction

Part	Material For FTMP
Body	IS.210 FG 220 C.I. Grade
Back Cover	IS.210 FG 220 C.I. Grade
Shaft	EN-19
Gear	Sintered Iron
Bush Bearing	Non Ferrous Sintered Bronze
Sealing	Neoprene oil Seal
Key for coupling	EN-8

Gear Oil Pump Technical Specification

Model	Capacity in LPM at 1440 RPM	Suction & Delivery Size	Motor Rating Required [HP]
FTMP - 0.5	0.5	1/8" x 1/8"	0.25
FTMP - 1	1	1/4" x 1/4"	0.25

FTMP - 3	3	1/4" x 1/4"	0.25
FTMP - 6	6	1/4" x 1/4"	0.5
FTMP - 10	10	3/8" x 3/8"	0.5
FTMP - 16	16	1/2" x 1/2"	1.0
FTMP - 25	25	1/2" x 1/2"	1.5
FTMP - 40	40	1" x 1"	1.5

Gear Oil Pump Features

- Gear Oil Pump Features
- Compact in size.
- smooth running and Low noise.
- Monoblock version is available.
- Maximum suction head is 1 meter at 1500 RPM, keeping pressure line open.

Gear Oil Pump Application

- Lubrication of gear boxes.
- Lead stocks.
- Transfer of oil.
- Low pressure hydraulic power packs.
- Rotary oil fillers.
- Automobile and Machine tools.
- Heavy machineries and equipments.