

# T09 & T11

## SAND GUZZLER

BY

Tibban MFG. Inc.

[SandGuzzler.com](http://SandGuzzler.com)

*Read Completely before operating the Sand Guzzler Pump.*



### Installation:

Connect the hydraulic hoses so as to make the impeller rotate in a clockwise rotation as viewed from the top of the pump.

- Dig a ditch from the well being drilled to a small pit just outside the bore hole. Set the Sand Guzzler in the pit deep enough for the mud to cover the hydraulic motor.
- The mud in the pit will rise and fall during normal operation. The speed should be adjusted so as to make the pump run about 100 RPM faster than needed to pump all the drilling fluid.
- The Sand Guzzler can run dry. There are no seals or bearings in the mud. The air will discharge from the SAND GUZZLER automatically while operating.
- **Caution: Keeps hands away from the impeller. Serious injury or death can occur.**

### Hydraulic Hoses:

The case will drain through the discharge side of the motor. The motor can be reversed momentarily when needed to clear a rock or clog.

If the return line pressure exceeds 350 psi, the shaft seal will be pushed out and will leak oil. Use a case drain if more than 350 psi. The SAND GUZZLER pump will run best at about 2200 RPM 15-20 gpm. The faster the pump turns the faster the housing will wear. The SAND GUZZLER can be run as fast as 3000 RPM and will take up to 3000 psi. Do not over pressure the motor. The motor will slow if damaged from over pressure.

### Hydraulic Motor:

Tibban Part #: SG00I001

Max. RPM 3000

Max. PSI: 3000

20 GPM @ 3000 RPM

15 GPM @ 2300 RPM

7.8 GPM @ 1200 RPM

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