SUBMERSIBLE PUMPING SYSTEM WITH MOTOR PROTECTOR HAVING ENHANCED COOLING

ABSTRACT

A technique facilitates cooling of a motor protector which may be used in an electric submersible pumping system having a submersible pump powered by a submersible motor. The motor protector may be constructed with a plurality of thrust bearing chambers which can be at least partially filled with an internal motor fluid. Each thrust bearing chamber has a thrust bearing positioned to absorb loads generated during operation of the submersible pump. Additionally, the motor protector comprises an enhanced cooling system to facilitate improved removal of heat created at the thrust bearings. The enhanced cooling system may comprise various components which help transfer heat away from the thrust bearing chambers.

[No Suitable Figure]

SLB-Private