

ABSTRACT

AGENT FOR FORMING SOLID LUBRICATING COATING FILM, OIL
COUNTRY TUBULAR GOODS, AND THREADED JOINT FOR OIL
5 COUNTRY TUBULAR GOODS

It is possible to provide a solid lubricating
coating film capable of imparting excellent corrosion
resistance as well as lubricity to a connection for oil
10 country tubular goods even when a solid lubricating
coating film is adopted for lubrication. An agent for
forming a solid lubricating coating film on a thread
portion of oil country tubular goods, in which a binder
resin contains a prepolymer and a curing agent, the
15 prepolymer is formed of one or more epoxy resins, 70
parts by weight or more of the prepolymer is contained
with respect to 100 parts by weight of the binder resin,
the epoxy resin constituting the prepolymer has an epoxy
equivalent of 100 or more and 500 or less, the solid
20 lubricant contains boron nitride (BN) in an amount of
80% by weight or more, BN has an average particle size
of 10 μm or less, and a total weight of the solid
lubricant is 0.1 times or more and two times or less a
total weight of the binder resin.

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(FIG. 1)