

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

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ABSTRACT

There is provided a solid lubricating coating film
capable of imparting favorable lubricity and corrosion
10 resistance to a connection for oil country tubular goods
even when graphite is employed as a solid lubricant. Two
or more solid lubricants are dispersed in a binder
resin. Graphite is contained, as one of the two or more
types of solid lubricants, in an amount of 50% or more
15 and 90% or less of a total weight of the solid
lubricants, and the graphite has a scaly shape and an
average particle diameter of 10.0 μm or less. A solid
lubricant made of one or more materials selected from
BN, mica, talc, MCA, MoS_2 , PTFE, PFA, and FEP is further
20 contained as other solid lubricants of the two or more
types of solid lubricants. The binder resin contains a
PEEK resin having an average particle diameter of 20 μm
or less as a main component, and the PEEK resin is
contained in an amount of 70% or more of a total weight
25 of the binder resin.

(Fig. 1)