

ABSTRACT

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

A solid lubricating coating film is used to realize galling resistance equal to or higher than that of a method using a dope compound according to the related art in terms of lubrication characteristics at the time of make-up/break-out of oil country tubular goods. There is provided a threaded joint for oil country tubular goods including a box (2) having a thread and a pin (1) having a male thread (1a). A
10 lubricating coating film including a solid lubricating coating film (3) is formed on a tightening surface (10) of a thread portion of at least one component of the box (2) and the pin (1), the solid lubricating coating film (3) is formed by dispersing a solid lubricant in a
15 binder resin, 90 wt% or more of the binder resin is a polyamideimide resin, an average molecular weight of the polyamideimide resin is 20,000 or more and 40,000 or less, 80 wt% or more of the solid lubricant is
20 polytetrafluoroethylene (PTFE), and an average molecular weight of the PTFE is 30,000 or less.

(FIG. 1)