



VEN-LUBE II™ PLUS

RECOMMENDATIONS

Will reduce torque and drag in directional holes. Will assist in reducing swelling and sloughing of sensitive shales. Will minimize differential sticking by providing seepage loss control and lubrication.

Highly effective when used with other commercially available spotting or soak materials. Where use of mineral oil is not prohibited, a spotting pill may be compounded in the field by using low toxicity oils, synthetic oils or liquid lubricants and high concentrations (100-150 lb/bbl) of Ven-Lube II™ Plus rather than compounded spotting fluid additives.

Generally, the proper use of Ven-Lube II™ Plus will reduce the need for any stuck pipe additives due to wall or differential sticking tendencies. As with other specialty additives of this type, it will not substitute for good drilling practices.

Ven-Lube II™ Plus is not recommended to prevent or overcome key seating or other mechanical sticking problems.

GENERAL INFORMATION

Ven-Lube II™ Plus is a nonpolluting, solid, drilling fluid fiber additive for use in oil and water base mud systems. It is based on a special, environmentally safe lubricant that has been preabsorbed on micronized cellulose fibers combined with a dry lubricant. In oil/synthetic muds, Ven-Lube II™ will not absorb any oil or water from the mud itself. This prevents the addition of base oils and or water to maintain proper rheologies. Due to the high cost of oil/synthetic muds, our micronized cellulose fibers control seepage to moderate losses. Additional benefits in wells are the solid carbon lubricant particles also aid in seepage loss and stress cage enhancement.

Ven-Lube II™ Plus allows the lubricant to be carried to and concentrated in the wall cake as the fibers are filtered. The fibers provide the additional property of seepage loss control in low pressure depleted sands where seepage loss control and lubricity aid in the reduction of differential sticking and the reduction of torque and drag.

Ven-Lube II™ Plus is a high performance combination of surface modified cellulosic fibers and dry lubricants for the reduction of torque and drag, seepage loss control and increased ROP.

PACKAGING

Ven-Lube II™ Plus is packaged in 25 lb Kraft polyethylene lined bags.

TYPICAL TREATING

Add 2 to 6 lb/bbl for torque and drag reduction. Maintenance is achieved by adding 100-200 lb/hour. Where fast hole is being made, it may be necessary to add up to 400 lb per 24 hours.

Excessive torque and drag problems can be treated by slugging a pill of Ven-Lube II™ Plus downhole and slowly circulating the pill up the annulus. Concentrations will vary with the severity of the problem and condition of the mud.

TYPICAL RESULTS

Form	:	Brown-Grey fibrous solid
Bulk Density, lb/cu ft	:	Compacted: 21-31
		Uncompacted: 9-19
pH	:	5-9

PRECAUTIONS

See the Safety Data Sheet for more detailed information concerning storage, handling, transportation, disposal and safety requirements.