



**BLACK JACK™** is a unique blend of resilient sealant components, including graphite, minerals, and polymers designed to help reduce seepage losses during the drilling of a depleted zone. **BLACK JACK™** is temperature stable up to 450° F and disperses easily in Diesel, Oils, synthetic and aqueous-base fluids. **BLACK JACK™** can be mixed in all types of drilling and completion fluids. Additions of up to 30 ppb of this unique product will not increase the ECD, thus helping to reduce or eliminate seepage loss.

**ADVANTAGES:**

- Prevent & Control Seepage Losses
- Provides Lubricity
- One Sack Blend
- Easy Mixing Through The Mud Hopper
- Water and Oil Dispersible, so it can be used in a broad range of fluid applications
- Total resiliency

**BENEFITS:**

- Readily dispersible, bridges quickly to prevent seepage loss
- Lowers HT-HP Filtrate values in Synthetic Base Fluids.
- Cleaner fluid returns makes solids control equipment more efficient
- Broad Particle Size Distribution range
- Non-Damaging
- Reduces filter cake permeability

**PHYSICAL PROPERTIES:**

Form	Solid Fine Granular
Color	Black
Specific gravity	1.6

**MIXING RECOMMENDATION:**

Pre-treat system with 2-6 lbs/bbl. Should seepage loss occur, mix 10 – 20 lbs/bbl of **BLACK JACK™** in a slugging or mixing tank, and pump sweeps through the well bore. For seepage loss greater than 30 bbls/hr, mix 20 – 80 lbs/bbl of **BLACK JACK™** then pump the sweep thru the well bore. The sweep can be spotted in open hole during bit trips.

**PACKAGING:**

25 In Paper Bags – 50 sx per pallet – Shrink Wrapped for added weather resistance