

SUNBURST DP®

LUBRICANTS PLACED EXACTLY WHERE THEY ARE NEEDED!

SUNBURST DP® (Dual Phase) comprises two types of lubricants which are delivered specifically to the point where the friction is the greatest at the time when it is needed most.

SUNBURST DP® is a spherical functionalized co-polymer bead that provides instant mechanical stand-off at low pressure, with micro-channels designed to release the infused liquid lubricant at a higher impact pressure. As the beads exit the bit a fraction of them collapse and deform, thereby releasing the lubricant immediately impacting the points of friction. Additionally, as the beads travel, more of them will collapse at points of impact around the drill string and BHA releasing further impregnated lubricant and reducing friction even more.

Advantages

- ◆ Immediate results
- ◆ Reduces torque and drag
- ◆ Reduces casing wear
- ◆ Is non-abrasive
- ◆ Is thermally stable
- ◆ Is compatible with both oil and water base mud
- ◆ No impact on mud rheology

Physical Properties

- ◆ Form: Spherical bead
- ◆ Color: Multi-colored
- ◆ Specific gravity: 1.3-1.4
- ◆ Size: 355µ-850µ 20/45 mesh

Application

- ◆ Spotting: 6-10 ppb
- ◆ Continuous Feed: 2-6 ppb

Packaging

- ◆ SUNBURST DP® is available in 50 lbs (22.6 kg) sacks, 42 sacks per pallet

Typical Uses for SUNBURST DP®

- ◆ Spot while drilling to transfer more true weight to bit
- ◆ Spot prior to running casing or liners
- ◆ Spot in key seats to reduce torque, drag, and sticking problems
- ◆ Lubricant for OBM or SBM
- ◆ Reduces risk of differential sticking
- ◆ Aids in directional changes or while sliding



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