

# UNITED OIL COMPANY

Quality Industrial Lubricants Since 1906

1800 North Franklin Street

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## United Bio-Syn

### Product Data Sheet

#### Product Description:

**Bio-Syn** Oil mud additive is effective for w/o, o/w oil based fluids and brines to reduce torque and drag. Bio-Syn is a mixture of surfactants and non-oil lubricants, is effective in a wide variety of fluids and exhibits good biodegradable properties. By reducing drilling torque and improving the lubricity of most fluids. Low co-efficient of friction (Cof) of metal to metal helps to reduce a casing wear in deviated holes.

#### Outstanding Qualities:

1. Can impart excellent lubricity to reduce friction and improve ROP
2. Readily biodegrade
3. Has low toxicity
4. Helps impart extreme-pressure lubrication to the mud

#### Properties:

Appearance	Amber liquid
Specific gravity	0.90
Flash point COC	> 300 F

Recommendations use 1.5 - 4 % of Bio-Syn lubricant by volume.



*Supplying Quality Industrial Lubricants to the Metals Industry since 1906*