



BAROID UNIVERSAL (IDP-607)

Lubricant

Description BAROID UNIVERSAL is a vegetable oil based lubricant with extreme pressure characteristics and excellent salt tolerance designed to reduce rotational torque and wear in wire line coring operations. BAROID UNIVERSAL provides unique friction reduction capabilities in high angle above and below ground coring.

Applications/Functions

- Can reduce drill rod torque and drag
- Can lubricate metal to metal and metal to formation contact in narrow gauge holes
- Can reduce heat and associated wear generated at bit face
- Can increase tolerance of chemical contamination improving effectiveness when underground recirculated water is in use.
- Can minimize potential for differential sticking

Advantages

- Effective at low concentrations
- Biodegradable
- Mixes in fresh and salt water
- Compatible with polymer and bentonite fluid additives
- Stable at elevated subsurface temperature and pressure

Typical Properties

- Appearance Tan / Amber liquid
- pH 9 – 10
- Solubility 100% soluble in water
- Specific Gravity 0.9 - 1.0 g/cm³ at 20°C

Recommended Treatment

Approximate Amounts of BAROID UNIVERSAL Added to Water-based Drilling Fluid		
% by Volume	Quarts/100 Gallons	Litres/m ³
0.25 – 0.5	1 - 2	2.5 – 5

Packaging BAROID UNIVERSAL is packaged in 25 L re-sealable plastic pails, 200 L drums and 1000 L IBC containers.

Availability BAROID UNIVERSAL can be purchased through any Baroid Industrial Drilling Products Distributor. To locate the Baroid IDP distributor nearest you contact the Customer Service on 08 9455 8345 or your area Baroid IDP Technical Service Representative.

**Baroid Industrial Drilling Products,
A Product and Service Line of Halliburton Energy Services, Inc.**
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