

BARALUBE NS™



BARALUBE NS lubricant is an environmentally acceptable blend of acids, esters and natural oils, used to effectively reduce torque and drag in Bentonite or polymer-based fluid systems. The product is an effective extreme pressure lubricant, suitable in a wide range of geological conditions. BARALUBE NS lubricant do not affect existing drilling fluid properties. It can be added through the hopper or directly to the suction pit if sufficient agitation is available.

Functions

- Enhances lubricating properties in most water-based drilling fluids.
- Reduces rotational torque and drag on the drill pipe while drilling.
- Reduces potential for differential sticking.
- Enhances rate of penetration and torque reduction in continuous wireline coring operations.
- Increases wellbore stability by producing a compact and slick filter cake.

Advantages

- Filming type extreme pressure lubricant.
- Easy dispersion and mixing with minimal shear.
- Effective at moderate to low concentrations.
- No significant effect on rheological parameters.
- Does not create significant amount of foam.
- Higher thermal stability – up to 149°C.
- Low freezing point (-23°C).
- Can be used for the preparation of polymer liquid emulsions.
- Compatible with other Baroid drilling fluid additives, when added in proper sequence.

Approximate amounts of BARALUBE NS lubricant added to water-based drilling fluids:

Optimum concentration is 0.3 - 3%. A concentrated pill of BARALUBE NS lubricant can also be beneficial if elevated torque is experienced. It is recommended to double the concentration in spots to 0.6 - 6%.

