

# NUMA LUBE

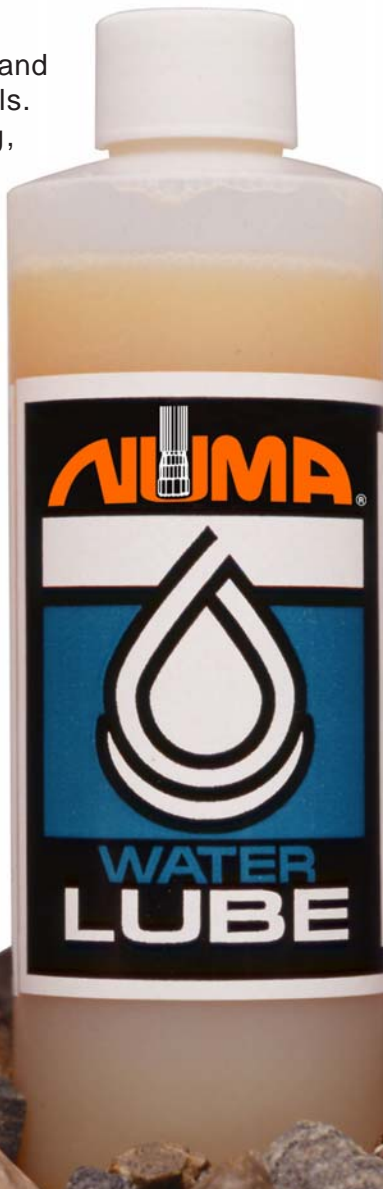
## A New Breed of Lubricating Compound

In the hostile environment of down hole drilling operations, Numa Lube has proven itself to be a major technological advancement in the quest for long lasting hammer protection. Unlike rock drill oils, Numa Lube is clean, non-toxic and environmentally safe.

Numa Lube is also far easier to use and more cost effective than rock drill oils. Due to its superior, long-lasting, lubrication properties, one 8 oz. (0.24 l) bottle of Numa Lube is required in a 6" hammer for every 300 ft. (91 m) or six hours of drilling. Compared to the three or four gallons (11-15 l) of rock drill oil needed for the same depth, Numa Lube's fewer applications equal greater savings.

The exceptional lubrication quality of Numa Lube will increase hammer life and efficiency while adding to the cost savings. In addition, Numa Lube does not need to be continuously fed like rock drill oils. It is fully applied only once at 300 foot (91 m) intervals. Simply pour the contents of the 8 oz. (0.24 l) bottle down the drill rod and use with a continuous water injection.

For your convenience, Numa Lube is packed 24 bottles to a case, greatly diminishing storage requirements in the shop or on the rig.



### FEATURES

- **Environmentally Safe**
  - Biodegradable and non-toxic
  - Contains no petroleum distillates
- **Increased Lubrication**
  - Unique molecular structure deposited throughout the hammer
  - Adheres to hammer surfaces longer than petroleum based products
- **Improves Operating Efficiency**
  - Low coefficient of friction
  - Less energy required to operate hammer
  - Conserves air by closing running clearances
- **Tough Lubricating Film**
  - At elevated temperatures remains intact and adheres to surfaces longer than petroleum based products
  - Provides continuous lubrication and protection from corrosion
- **Chemical Resistance**
  - Cannot be removed by water
  - Highly resistant to greases, oils, and other petroleum based lubricants
- **Easy to use**
  - Blow drill string free of water and pour Numa Lube down the drill string
  - Cycle dry for 15 seconds and you're ready for 300 ft. (91 m) or six hours of drilling
  - Use with continuous water injection