



IDP-479

320 Hammer Oil

Description IDP-479, hammer oil is a premium quality, ISO 320 viscosity grade oil designed to help lubricate and protect the internal components of DTH (Down The Hole) hammers and to provide a good air seal between the piston and its matching component parts for efficient drilling. IDP-479, hammer oil can be used effectively in conventional and reverse circulation DTH hammers.

Applications/Functions *The use of IDP-479 hammer oil assists and promotes the following:*

- Enhanced extreme-pressure lubricating properties
- Reduced wear and seizure
- Enhanced protection of DTH hammers and internal components

Advantages

- Good adhesiveness to metal surfaces in the presence of moisture
- Good oxidation resistance and thermal stability
- Compatible with automatic oiling systems
- Contains inhibitors to protect against rust and corrosion

Typical Properties

- Appearance Amber liquid
- Specific Gravity @ 15.6 °C ≈ 0.903

Recommended Treatment

- It is vital for DTH hammers to receive a constant supply of proper rock drill oil in to the air stream. The correct consumption of oil/oil type is dependent upon the air volume and ambient conditions. Always refer to the hammer manufacturers guidelines for the appropriate amount of lubrication. The following is a generalized rate of addition for IDP-479 hammer oil:

Approximate Amounts of IDP-479 Hammer Oil Added to Air Stream	
US Pints/hour	Liters/hour
2.0 – 10.0	1.0 – 5.0

Packaging IDP-479 hammer oil is packaged in 5-gal (19-liter) plastic pails, 275-gal (1040-liter) totes, 25-kg plastic drums, 205 liter plastic drums and 1000 liter plastic drums.

Availability IDP-479 hammer oil can be purchased through any Baroid Industrial Drilling Products Distributor. To locate the Baroid IDP Distributor nearest you contact the Customer Service Department in Houston or your area Baroid IDP Representative.

**Baroid Industrial Drilling Products
Product Service Line, Halliburton**

3000 N. Sam Houston Pkwy. E.
Houston, TX 77032

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