

# **PRECISION CUT NC DEEP HOLE DRILLING OIL 3531**

## **CHLORINE FREE DEEP HOLE DRILLING OIL**

### **Description**

Precision Cut NC Deep Hole Drilling Oil 3531 is specially designed for deep hole drilling. The product is non-chlorinated with a thermally stable low viscosity oil as its backbone.

The product contains sulfurized extreme pressure additives to provide anti-weld, metal to metal protection. Additionally, Precision Cut NC Deep Hole Drilling Oil 3531 possesses a unique polymeric lubricity additive which provides excellent hydrodynamic lubrication.

Precision Cut NC Deep Hole Drilling Oil 3531 outperforms other cutting oils and further distances itself from the competition in more demanding applications. The product is most suitable for deep hole drilling, gun drilling, ejector drilling, trepanning, and other difficult operations.

### **Features & Benefits**

- Excellent lubricity
- Wide range of operating temperatures
- Prolonged tool life
- Low misting
- Low odor
- High flashpoint
- Excellent chip flushing properties

### **Health & Safety**

See the most recent MSDS which is available directly from Precision Fluids, your local salesman, or authorized distributor. Precision Fluids uses only raw materials not listed as carcinogenic by IRAC.

### **Physical Data**

Appearance:	Clear Amber
Viscosity @ 40°C	10 cSt
Viscosity @ 100°F	60 SUS
Odor:	Mild Industrial
Flash Point:	>300°F
Total % Sulfur:	3.0
Total % Active Sulfur:	2.5
Total % Ester:	10
Total % Chlorine:	0

### **Application & Usage**

Precision Fluids recommends using Precision Cut NC Deep Hole Drilling Oil 3531 for industrial operations involving deep hole drilling where chlorine cannot be present.

Best practices include draining current drilling oil and flushing with line wash oil. The remaining oil should then be removed with an industrial sump vacuum to allow for best results.

Precision Cut NC Deep Hole Drilling Oil 3531 is compatible with most drilling oils for those instances where proper removal of competitive drilling oil cannot be accomplished. Good practice calls for mixing small amounts of Precision Cut NC Deep Hole Drilling Oil 3531 with the competitive drilling oil to assure no reactions occur that would form precipitates.

No special precautions are necessary with respect to seals or valves.

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