

## **PRECISION CUTTING OIL 3516**

### **CUTTING FLUIDS FOR APPLICATIONS WITH A WIDE TEMPERATURE RANGE**

#### **Description**

Precision Cutting Oil 3516 is a dark brown cutting fluid for severe machining operations. This product contains high levels of active sulfur as well as inactive sulfur. The addition of chlorine with the various activity levels of sulfur provides excellent lubricity and EP protection throughout a wide temperature range.

High levels of a specially modified triglyceride compound provide excellent machined finish and reduce the need for certain secondary processes.

Typical applications include trepanning, gun drilling, broaching, and any high load, low rpm cutting process (tapping, milling, drilling, etc.). This product is an excellent choice when cutting geometries and production rates lead to a broad spectrum of operating temperatures.

#### **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**

|                         |            |
|-------------------------|------------|
| Viscosity, cSt @ 40°C:  | 23.3       |
| Viscosity, cSt @ 100°C: | 4.4        |
| Viscosity, SUS @ 100°F: | 121        |
| Viscosity, SUS @ 210°F: | 41.1       |
| API Gravity:            | 24.9       |
| Flash Point, °F:        | 320        |
| Color Visual:           | Dark Brown |
| Total Sulfur %:         | 2.8        |
| Active Sulfur %:        | 2.1        |
| Chlorine %:             | 0.4        |
| Triglyceride %:         | 4.0        |