



## **BASE 18 SE**

### ***Sulfurized Ester***

### ***Extreme Pressure Additive***

**Base 18 SE** is a sulfurized ester designed for use in soluble oils or other metalworking fluids that require low viscosity. **Base 18 SE** exhibits excellent wetting properties and offers reductions in sludge, gumming, and varnishing verses similar additives.

In addition to **Base 18 SE**, other soluble oil components may include oil, lubricity additives, EP agents and biocides. To obtain optimum concentrate and emulsion stability, addition of an alkalinity source or fatty acid may be required. Dover's technical representatives are available to provide formulating assistance.

**Base 18 SE** contains active sulfur. Thus, it is not recommended for products destined for use in yellow metal (copper, bronze & brass) applications.

**Base 18 SE** may be stored in an original container or bulk storage tank at 40-100°F. Prolonged exposure to 0°F may result in thickening. If the product thickens, it will reconstitute itself at 40°F without agitation. Recommended blending temperatures range from 70-160°F.

#### **TYPICAL PROPERTIES**

| Property                                    | Result      |
|---------------------------------------------|-------------|
| Total Sulfur % (Active %)                   | 16 (7)      |
| Copper Corrosion (10% in oil, 3 hrs, 210°F) | 4B          |
| Specific Gravity @ 25°C                     | 1.01        |
| Density, lb/gal                             | 8.2         |
| Viscosity @ 100°F (210°F), SUS              | 204 (55)    |
| Viscosity @ 40°C (100°C), cSt               | 40 (9)      |
| Acid Value, mgKOH/g                         | 5           |
| Flash Point, C.O.C, °F (°C)                 | >350 (>177) |
| Pour Point, °F (°C)                         | 65 (18)     |

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