

**Typical Properties**

Appearance	Deep Brown Liquid
Specific Gravity@25°C	1.000 - 1.100
Viscosity@40°C, cSt	100 - 300
Flash Point C.O.C., °C	> 160
Std Packaging (NW / GW, Kg)	229.0 / 212.0

**Product Description**

**SMARTTAP ST-1** is a specialty oil package designed for use in heavy-duty operations such as tapping, turning, threading and drilling. It can be used on difficult-to-machine stainless steels, alloy steels, high tensile steels and other extremely hard steel metals.

**SMARTTAP ST-1** contains various efficient sulfurized and chlorinated EP additives; thus can lower operation loading, reduce tool wear and prolong machine life. Moreover, it has fatty lubricants with superior wetting property; which provides easy operation, good work precision, and improvement in surface finishing of the workpieces.

**ADVANTAGES:**

- Special EP agent;
- Good resistance to wear and seizure; prolongs tool life;
- Can be used direct or diluted in mineral oil before usage;
- Improves surface finishing of the workpieces, and the work precision;
- Low smell during operations; so good working environment ensured.

**Applications**

General Application

**Suggested Treat Rates, %wt**

2 - 12