

Supplier - SMART OIL

## Smart Base 1101L

*Light Color Multifunctional Cutting Oil Package*

*Light Color Cutting Oil Packages*

### Typical Properties

Appearance	Clear Amber Liquid
Specific Gravity@25°C	0.950 - 1.150
Viscosity@40°C, cSt	120 - 300
Sulfur Content (Active), %wt	> 3 (Traces)
Chlorine Content, %wt	> 20
Fat Content, %wt	> 10
Flash Point C.O.C., °C	> 160

### Product Description

**SMART BASE 1101L** is a universal tools-guard neat oil package with sulfurized and chlorinated EP additives, which can effectively prevent welding at metal contact points. It contains high wetting fatty lubricant that can effectively lower the operation load and frictional force at the knife blades; thus it can reduce tool wear and prolong the machine use life. Moreover it enhances the precision of operations and improves surface finishing on the workpieces.

**SMART BASE 1101L** exhibits gentle smell and produce less smoke during severe operations.

**SMART BASE 1101L** features wide applications, that it can directly spread on cutting parts or dilute with adequate mineral oils depending on operation severity. It is recommended for treat rate of 5-20% by weight in mineral oil, for stainless steel, alloy steel and resistance steel operations of high speed cutting, drilling, chambering, threading, tapping, broaching, rolling, hobbing and gear shaping, etc.

#### **Applications**

General Application

#### **Suggested Treat Rates, %wt**

5 - 20

Print date: 13-06-26

**Disclaimer:** Information provided by this website and product page including specifications, applications and formulations are based on tests and data supplied by Smart Oil companies, manufacturers or any of our collaborated companies or suppliers, which are believed to be correct and reliable at the time of writing and data update. However, Smart Oil companies, manufacturers or any of our collaborated companies or suppliers make no warranty or responsibility, express or implied, of any kind regarding products, performance, formulations or applications, as operation conditions and application environments are beyond our control, or products will be modified by action of manufacturers or due to change in market environments. Users are herewith expressly requested to conduct test to determine the suitability of our products or product information before use. Furthermore, we regret that we cannot be responsible for informing customers any changes in specifications, formulations, or other technical contents on this website and product page. Also, We hereby state that all product trademarks other than Smart Oil, including trademarks from our , suppliers are the trademarks belong to the respective companies, or from their sources.