

### Typical Properties

Appearance	Clear Amber Liquid
Specific Gravity@25°C	0.900 - 1.000
Viscosity@40°C, cSt	25 - 50
Sulfur Content, %wt	> 3
Fat Content, %wt	> 20
Flash Point C.O.C., °C	> 120
Std Packaging (NW / GW, Kg)	195.0 / 212.0

### Product Description

**SMART BASE CF1108L** is a universal neat oil package for cutting and drilling operations. It contains no active sulfurized and chlorinated EP additives, so is suitable for use in ferrous and non-ferrous metals. It contains superior lubricity and anti-wear additives, which can effectively reduce friction and operation load at contact surfaces, thus can ensure high precision and excellent surface finishing of the workpieces, and can prevent welding at metal contact points between cutting tools and the workpieces.

**SMART BASE CF1108L** can wide be applied to yellow metals operations of cutting, drilling, threading, tapping, etc. It is also recommended for use in stainless steel operations of deep hole drilling, due to its excellent wetting and good oxidation resistance properties.

### Applications

General Application

### Suggested Treat Rates, %wt

5 - 20

Print date: 01-07-25

**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.