

Supplier - SMART OIL

Smart Base 1103SSF

Drawing/Forming Oil Concentrate

Dark Color Cutting Oil Packages

Typical Properties

Appearance	Dark Liquid
Specific Gravity@25°C	1.000 - 1.200
Viscosity@40°C, cSt	150 - 500
Sulfur Content (Active), %wt	> 8 (< 4)
Fat Content, %wt	> 20
Flash Point C.O.C. °C	> 160

Product Description

SMART BASE 1103SSF is a dark brown neat oil package designed for the applications of drawing, forming and cutting on ferrous metals and stainless steels.

SMART BASE 1103SSF contains sulfur, HMW polymeric ester and fatty lubricants with high wetting property, which can effectively reduce operation load and frictional impedance at the contact surfaces.

SMART BASE 1103SSF possesses excellent lubricity and EP properties, which can improve surface finishing of the workpiece and avoid welding at the contact points.

SMART BASE 1103SSF contains active sulfur additives, so it is not recommended for the applications on yellow metals.

SMART BASE 1103SSF has gentle smell, evolving less smoke during severe operations.

SMART BASE 1103SSF has low viscosity, so that it is convenient to be blended. With special formulation, the product can complete the whole cutting operation with low treat rate. It is a unique cutting oil package.

Applications

General Application

Suggested Treat Rates, %wt

5 - 20

Print date: 29-04-26

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.