

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

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