

Supplier - SMART OIL

## Smart Base 1103SS

*Dark Color Cutting Oil Packages  
Drawing/Forming Oil Concentrate*

### 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)
Chlorine Content, %wt	> 25
Fat Content, %wt	> 20
Flash Point C.O.C. °C	> 160
Std Packaging (NW / GW, Kg)	245.0 / 228.0

### Product Description

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

**SMART BASE 1103SS** contains sulfur, chlorinated paraffin and fatty lubricants with high wetting property, which can effectively reduce operation load and frictional impedance at the contact surfaces.

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

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

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

**SMART BASE 1103SS** 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: 22-12-24

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