

Supplier - SMART OIL

Smart Base 1103SS

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)
Chlorine Content, %wt	> 20
Fat Content, %wt	> 20
Flash Point C.O.C. °C	> 160

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

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