

Supplier - SMART OIL

Smart Base 1105SS

Tapping/Threading Oil Concentrate

Dark Color Cutting Oil Packages

Typical Properties

Appearance	Dark Liquid
Specific Gravity@25°C	1.000 - 1.200
Viscosity@40°C, cSt	450 - 850
Sulfur Content (Active), %wt	> 3 (Traces)
Chlorine Content, %wt	> 25
Fat Content, %wt	< 50
Flash Point C.O.C., °C	> 180

Product Description

SMART BASE 1105SS is a robust cutting oil package containing sulfur and chlorinated paraffin; suitable for cutting, tapping, threading and drilling operations.

SMART BASE 1105SS possesses extremely good EP property, specially suitable for machining hard-to-machine alloys; such as stainless steels (316 or 316L) and titanium alloys.

SMART BASE 1105SS contains fatty lubricants with highly wetting property; which can effectively reduce operation load and frictional impedance at the knife blade. It can improve machining precision and surface finishing, and avoid welding at the contact points.

Applications

General Application

Suggested Treat Rates, %wt

5 - 20

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