



SIDHE PETROCHEMICALS PVT LTD

Factory: RS No. 445, 446 Paiki -1, 446 Paiki-2, 448,449, Village- Bhimasar, Ta- Anjar, Dist- Kutch, Gujarat -370240
E-mail: sppl@sidhepetrochemical.com

SPPL MAXKOOL S-100

**GENERAL PURPOSE
SOLUBLE CUTTING OILS**

PRODUCT DESCRIPTION

SPPL MAXKOOL S series are Mineral based soluble cutting oils that performs extremely well in a wide range of machining operations on both ferrous and non-ferrous metals. These products are designed to work in a variety of hard and soft water qualities and offer low foam potential and long-term corrosion protection for machine and components. MAXKOOL grades are formulated to offer highly stable emulsion, bio-resistant, and anti-foam characteristics for use as a general-purpose water-soluble cutting oils/fluid.

FEATURES AND BENEFITS

- High degree of corrosion protection, increases batch life and reduces unpleasant odors along with Low foaming potential
- It Gives a very good surface finish
- Form stable emulsions and solutions and Improves machine cleanliness
- Excellent cooling and lubricating characteristics
- Improved performance even in high pressure systems
- Reduces machine maintenance and rework of materials

APPLICATION

- Recommended for wide range of metal working operations on both ferrous and non- ferrous metals.
- Recommended for light to moderate duty machining operations such as milling, turning, sawing, boring, drilling, and reaming etc.



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PROPERTIES AND SPECIFICATIONS

Product Name	SPPL MAXKOOL S-100
Appearance	Yellow to Brown fluid
Specific Gravity @29.5°C.	0.879
Kinematic Viscosity @ 40°C, cSt.	28.11
Appearance of 5% emulsion	Milky White
PH (5% Emulsion D/W)	9.2
Emulsion Stability Test (24 Hrs) at 5:1 & 20:1 ratio in 400 ppm Hard water (as CaCO ₃)	Stable Emulsion
Thermal Stability Test (at 0°C & 50°C)	Pass
Cast iron corrosion test (IP-125)	Pass

HEALTH AND SAFETY

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS)