

PRODUCT DATA SHEET



SEMI SYNTHETIC WATER-SOLUBLE CUTTING OIL

PAL SUPER SYNCO- 201

It is a premium Semi-Synthetic cutting oils which forms translucent emulsion with water and provides high lubricity & excellent cooling properties to metal specimen. It has outstanding detergency & wetting properties & can be used for cast iron as well as ferrous metals apart from CNC machines. The product contains special surfactants which perform cleaning action of the machine during use & prevents accumulation of dirt, grit, grease & oil scum on the machine. This also cleans the part & removes chips & prevents them from sticking onto the metal. The product is blended with a special grade of broad-spectrum biocides which protects firm bacterial / fungicidal growth. Thus, extends the tank life under normal operating conditions.

Recommended concentration 5% in water.

ADVANTAGES

- Excellent cooling properties & lubricity combined to provide extended tool life.
- Compatible with a wide range of materials including ferrous, non-ferrous & nonmetallic materials.
- Keeps machine and work environment clean when machining or grinding.
- Minimized formulation of Fog / Mist.

CHARACTERISTICS		
S. NO.	PROPERTIES	PAL SUPER SYNCO - 201
1.	Appearance	Clear & Transparent
2.	Colour	<4.0
3.	Density @29.5°C	0.985 – 0.999
4.	Kin. Viscosity @ 40°C	45-60
5.	Solubility in water	Soluble
6.	pH (5% Emulsion)	8.5-9.5

* The specifications are subject to variations/ development / customization.

PACKING: 210L, 50L, 20L