

PRODUCT DATA SHEET



SYNTHETIC CUTTING FLUIDS

PAL SYNCO-100, 200

These are premium quality water-soluble oil free, fully synthetic type coolant, specially developed for use on ferrous metals only. These fluids do not undergo bacterial degradation and leave objectionable odour. Further these are non-foaming, nontoxic, non-hazardous, thus ensuring total safety of the workmen. These are operator friendly and economical in use due to high mixing ratio and long service life.

PAL SYNCO - 100 is fortified with rust, corrosion inhibitor, bactericide, fungicide etc. It has several advantages over conventional soluble cutting oil. **Recommended** for machining and grinding of ferrous metals only.

PAL SYNCO - 200 contains EP additive to give high surface finish. **Recommended** for machining and grinding of iron, steel, non-alloyed steel and nickel-chrome steel.

Not recommended for the machining of non-ferrous metals.

Dilution ratio with water varies between 2%-3% depending upon the operation and product handled.

* Concentrated mixture may lead to paint peel off in the machines and some discoloration of the operator's skin.

* Coolant should be used only in clean circulating system.

PERFORMANCE LEVEL: IS 11186-1985(Reaffirmed 1990) specifications.

CHARACTERISTICS			
S. NO.	PROPERTIES	PAL SYNCO - 100	PAL SYNCO - 200
1.	Appearance	Green	Green
2.	Solution Appearance, @2% in distilled water	Clear fluorescent	Green
3.	Cast Iron Corrosion, @250ppm,500ppm	Passes	Passes
4.	pH 2% dilution in distilled water	9	10

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

PACKING: 210L, 50L, 20L