## 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 discoluration 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

<sup>\*</sup> The specifications are subject to variations/ development / customization.

**PACKING:** 210L, 50L, 20L