



**LUBRICANTS™**

**POWER TO PERFORM™**

## **HP KOOLKUT EP 66**

**SOLUBLE CUTTING FLUIDS**

### **DESCRIPTION**

General purpose emulsifiable cutting oil forming a yellowish emulsion with EP characteristics for moderate to heavy duty applications.

### **APPLICATION AREAS**

Its main application is with high-speed steel tools in practically all major cutting processes and on most metals, including difficult alloy steel. It is more effective than ordinary emulsifiable oils in extending tool life. Recommended concentration is 5 to 10 % depending on the severity of machining.

### **PHYSICO-CHEMICAL PROPERTIES**

PROPERTIES	TYPICAL VALUES
Colour of the Oil, ASTM, Max	8
Colour After Emulsification	Yellowish
Four Ball Ep Value Weld Load, Kg Min	200
Copper Corrosion @ 100°C, 3 Hrs	2
Emulsion Stability	
With D : Water (ml,Cream) Max	0.5
With S . Water & H: Water	Passes

### **PERFORMANCE BENEFITS**

- Good surface finish
- Built in protection against bacterial growth
- Excellent emulsion stability
- Good heat removal properties
- Marked increase in tool life