



# LUBRICANTS

POWER TO PERFORM

## HP KOOLKUT 80 METAL CUTTING FLUIDS

### DESCRIPTION

Superior emulsifiable cutting oil forming a white milky emulsion having longer life. The product forms biostable emulsions facilitating easier handling and disposal.

### MEETS SPECIFICATIONS

IS: 1115-1993

### APPLICATION AREAS

Suitable for all metals for machining operations where emulsifiable oils are normally used. The recommended concentration is between 3 to 5% depending on the severity of machining. Product can be used successfully even for grinding operations.

### PHYSICO-CHEMICAL PROPERTIES

Colour After Emulsification	Milky White
Kinematic Viscosity @ 40°C, Min, cSt	20
Flash Point, COC, °C Min	150
Copper Corrosion @ 100°C, 3Hrs, Max	1
Cast Iron Corrosion Test, 20:1 Emulsion With 400 PPM Hard Water, Max	0/1-1
Emulsion Test: 400 PPM Hard Water 5:1 and 20:1 Ratio	PASSES

### PERFORMANCE BENEFITS

- Good surface finish
- Built in protection against bacterial growth
- Exceptional emulsion stability
- Good heat removal properties
- Long life and pH stability