



**LUBRICANTS™**

**POWER TO PERFORM™**

## **HP KOOLKUT 40 S**

**METAL CUTTING FLUIDS**

### **DESCRIPTION**

This is general-purpose emulsifiable oil and forms milky white emulsion.

### **MEETS SPECIFICATIONS**

IS : 1115 and ZX of Indian defense

### **APPLICATION AREAS**

Suitable for all metals for machining operations where emulsifiable oil are normally used. The recommended concentration is between 5 to 10 % depending on the severity of machining. Sometimes used successfully for even grinding operations.

### **PHYSICO-CHEMICAL PROPERTIES**

PROPERTIES	KOOLKUT 40 S
Colour After Emulsification	Milky White
Kinematic Viscosity @ 40 °C, Min, cSt	20
Flash Point, COC °C, Min	150
Copper Corrosion @100 °C, Min	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	PASS

### **PERFORMANCE BENEFITS**

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