



LUBRICANTS™

POWER TO PERFORM™

HP KOOLKUT 40

SOLUBLE 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	TYPICAL VALUES
	KOOLKUT 40
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