



LUBRICANTS™

POWER TO PERFORM™

KOOLKUT 40 M **METAL CUTTING FLUIDS**

DESCRIPTION

KOOLKUT 40 M is a water miscible mineral oil based metal cutting fluid which forms a milky white emulsion.

MEETS SPECIFICATIONS

IS : 1115 and ZX of Indian defense

APPLICATION AREAS

KOOLKUT 40 M is suitable for all metals for machining operations where emulsifiable oil are normally recommended. The recommended concentration is between 2 to 10 % depending on the severity of machining. Used successfully for many grinding operations also. The product specifically gives excellent results during machining Operations on yellow metals without leaving stains and giving adequate stain protection during intermediate storage.

PHYSICO-CHEMICAL PROPERTIES (Typical)

PROPERTIES	KOOLKUT 40 M
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 as per IS 1115	0/1-1
Emulsion Test: 400 PPM Hard Water 5:1 and 20:1 Ratio	PASS
Thermal Stability as per IS 1115	PASS

PERFORMANCE BENEFITS

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