

DESCRIPTION

Servocut Super is a superior quality water soluble metal working fluid which forms stable translucent milky white emulsion and provides longer emulsion life. Servocut Super gives excellent surface finish and extended tool life.

PERFORMANCE BENEFITS

- Has superior cooling and lubricating properties which contribute towards clean work, excellent surface finish and minimum tool wear.
- When used as a grinding coolant, contribute towards long grinding wheel life, and minimized wheel loading.
- Provides long lasting stable emulsion.
- Protects work-piece, machine components and tool materials from rust and corrosion.
- Enables obtain superior finish and accurate tolerances to the parts machined.

APPLICATION

Servocut Super is recommended for variety of cutting operations on ferrous and non-ferrous metals. The oil is specially suitable for metal working operations where the cooling property is more desirable compared to the lubricating characteristics.

To obtain stable emulsion, oil should be added to water and not vice-versa. A homogeneous dispersion of oil in water can be obtained by continuous stirring either manually or mechanically while preparing the emulsion. Servocut Super is normally used for concentration of 3 - 5% for most of the machining operations. For grinding operations more dilute emulsions are preferred.

PERFORMANCE STANDARDS

- Servocut Super supercedes the requirement of IS : 1115-1986
- Servocut Super meets the requirements of ZX – 1 of DEF STAN 91 – 23/1

CHARACTERISTICS

Kinematic Viscosity, cSt @ 40°C (typical)	30 - 55
Flash Point (COC), °C Min.	120
Copper strip corrosion @ 100°C in Neat Oil	1 Max
Cast Iron Corrosion test, 30:1 dilution	0/0-0

HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR:

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