

# PRODUCT DATA SHEET

## SERVOCUT CLEAR



### DESCRIPTION

Servocut clear is soluble cutting oil, which forms a milky stable emulsion with water. This product has been specifically developed to meet the engineering industry's demand of soluble cutting oil for cutting operations.

### PERFORMANCE BENEFITS

- Provides excellent cooling and lubrication at the chip/tool interface
- Enables visibility of component, jigs, fixtures and cutting tools, thus offers scope for better control of machining operations
- When used for machining, protects components from rusting
- Can be used in very small concentrations and hence is very economical
- Ensures longer tool life
- Enables more jobs to be performed between tool grinding
- Contributes towards improved surface finish

### APPLICATION

Servocut Clear is recommended for multi-tool set-ups in profile grinding, where the stable emulsion enables cutting tools to perform satisfactorily. For stable emulsion jigs, fixtures and components to be seen during operations. This product, thus offers better scope for manufacturing components to the correct dimensional tolerances.

Stable and long lasting emulsion of Servocut Clear can be formed by adding oil to water and not vice versa. In order to have homogeneous and complete dispersion of oil in water, continuous stirring is necessary while preparing the emulsion.

Servocut Clear should be used in the concentration of 3% for most of the machining operation, whereas more dilute emulsion would meet the requirements of grinding operations.

### CHARACTERISTICS

Kinematic Viscosity, cSt @ 40°C	60 – 100
Flash Point (COC), °C Min.	120
Pour Point, °C Max.	0
Emulsion & Frothing Test	Pass

### 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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May-20