

# SERVO<sup>®</sup> PRODUCT DATA SHEET

## SERVOCUT 51

IndianOil

### GRADES AVAILABLE – SERVOCUT 51

#### DESCRIPTION

Servocut 51 is a non-staining neat cutting oil. This oil has been specially developed for those engineering industries which are involved in carrying out a large number of repetitive machining operations of less severe nature. Servocut 51 is blended from high viscosity index base oils and fatty material, which impart free flowing and good heat dissipation properties to the oils. The product also contains a deodorant.

#### PERFORMANCE BENEFITS

- Provides effective heat dissipation during machining operations and assists in avoiding metal distortion
- Does not stain the components
- Maintains its light colour during operations and hence the components remain visible during machining
- Can be used for machining ferrous and non-ferrous metals
- Gives no obnoxious odour
- Provides good surface finish

#### APPLICATION

Servocut 51 is an excellent metal working oil, particularly for machining operations on automatics, where intense heat is generated at work- piece/tool interface, due to high spindle speeds and short cycle time. It is necessary to dissipate this frictional heat, as quickly as possible, so that fuming of oil or distortion of metal component is avoided.

Servocut 51 is non-staining and hence it can be used while machining copper brass, or alloys containing zinc. It is also suitable for operations on free cutting and mild steels, particularly on screw automatics, capstan or turret lathes.

#### PERFORMANCE STANDARDS

Servocut 51 meets

IS:3065-1985 specification for cutting oil, neat Type 1 grade 2 (Reaffirmed 1990)

### CHARACTERISTICS

Kinematic Viscosity, cSt @ 40°C	20 - 24
Flash Point (COC), °C Min	160
Pour Point, °C Max.	0
Copper Strip Corrosion, @ 100°C, 3hrs, Max	1

### 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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