

“VELNEAT 600” is high performance neat cutting oil formulated from high quality stocks. It is heavily sulphured, chlorinated cutting oil containing sulphur both in free and combined form. The oil is specially formulated for operations involving the toughest steels and most severe operations.

FEATURES

- It imparts excellent surface finish and minimises tool wear.
- Superior cooling and lubricity properties.
- High pressure handling properties improving surface finish.
- Specially formulated with higher base oil stocks for operating on toughest steel and resisting gum formation.

BENEFITS

- High Quality base stocks resists gum formation and enhances oil life
- Out standing heat transfer properties ensure higher tool life
- Excellent lubricity and extreme pressure properties ensures enhanced tool life and improved surface finish.

CHARACTERISTICS

- Excellent Lubricity
- Good Heat transfer properties
- Resists gum formation
- Extreme pressure properties

APPLICATIONS

Recommended for ferrous metals and ferrous alloys involving severe machining operations.

TESTING SPECIFICATION

Appearance	Bright and clear liquid
BIS Specification	Type III Grade I
Inorganic acidity mg KOH/gm	NIL
Organic acidity mg KOH/gm	7.2
Viscosity at 40 °C CST	24.51
Flash Point C0C °C	154
SAP % Mass	6.24
Thermal Stability	Passes
Cu Corrosion D 130 100°C @ 2 Hrs	4.0
Pour Point °C	+6