

## POWEROIL CUT NS 46 PREMIUM SUPERIOR METAL FORMING OILS

**POWEROIL CUT NS 46 PREMIUM** is high performance oil exclusively developed for Metal forming application.

This oil has been formulated from high quality mineral oils with unique performance package and wetting agents to ensure cost effective machining operations. This is a non-staining and non-corrosive product designed for light & moderate duty metal forming operations like bolts and nut formation as well as thread forming.

**PERFORMANCE STANDARDS:** BIS: 3065 – 1985, NEAT TYPE 2 – Non-staining

CHARACTERISITICS	POWEROIL CUT NS 46 PREMIUM
Appearance	Clear & Bright Amber
Colour, ASTM	< 2
Kinematic Viscosity@40°C, cSt	50 - 60
Density @ 29.5 °C	0.86
TAN, mg KOH/gm	< 0.1
Flash point, COC, °C., Min.	200
Pour Point, °C, max	-9
Copper strip corrosion at 100°C for 3 hrs.	2b

The above properties are typical values and do not constitute specification of the product

### APPLICATION:

- This product is suitable for high speed Forming process of small & medium size nuts and bolts
- Work Material – Carbon Steel and Alloy Steel
- Poweroil cut NS -46 (Premium) can also be used for tapping operation
- Production :Avg – 100-160 Pieces/Min

### PERFORMANCE BENEFITS:

- Better Wetting and Lubricity characteristics offers excellent cooling and surface finish
- Offers Longer cutting tool/Die life due to presence of EP additives
- Non corrosive & non staining to non-ferrous metals
- Good Oxidation and corrosion resistance at high temperature
- Wide application area.