

POWEROIL CUT NF9 (BR) NEAT CUTTING OIL

POWEROIL CUT NF9 (BR) is a medium Viscosity light colored high performance Neat cutting oil. This product is specially blended from Premium quality solvent refined mineral oils with select additives suitable for Flute grinding operations.

Anti-wear & wetting agents present in the product offer low friction even at high temperatures, thereby preventing tool wear and reduction in burn marks.

PERFORMANCE STANDARDS: BIS: 3065 - 1985 CUTTING OIL, NEAT TYPE 1 GRADE II

| CHARACTERISTICS (TYPICAL) | POWEROIL CUT NF9 (BR) |
|---------------------------|--------------------------|
| Appearance | Yellowish bright & clear |
| K V @ 40 °C Cst | 23 |
| Viscosity Index | 114 |
| Flash Point °C (COC) | 210 |
| Weld load, Kg | 200 |

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

APPLICATION:

| Operation | Alloy Steel | Low & High Carbon Steels | Aluminium & Alloy | Copper & Alloys | Cast Iron |
|----------------------|-------------|--------------------------|-------------------|-----------------|-----------|
| Cylindrical Grinding | ✓✓ | ✓✓ | ✓ | ✓ | ✓✓ |
| Drill Flute Grinding | ✓✓ | | | | |
| Centre Less | ✓✓ | ✓✓ | ✓ | ✓ | ✓✓ |
| Surface Grinding | ✓✓ | ✓✓ | ✓ | ✓ | ✓✓ |

✓✓ Excellent ✓ Good

PERFORMANCE BENEFITS:

- Better Finish & absence of burn marks even during severe operations like drill flute grinding
- Low viscosity offers better flushing and cooling due to higher heat dissipation.
- Longer Tool life
- Very low fuming tendency, hence environment & operator friendly