

## POWEROIL CUT NS 1000 SERIES PREMIUM METAL WORKING OILS

**POWEROIL CUT NS 1000** premium series oils are blended from select, high quality refined base oils and high performance additive package comprising of sulphur, fat and performance chemicals. These oils are designed for lubrication and cooling of metal surfaces working under arduous metal working operations on tough ferrous metals. They are not recommended for metal working operations on non-ferrous and cuprous metals.

**PERFORMANCE STANDARDS:** BIS: 3065 - 1985 CUTTING OIL, NEAT TYPE 3

CHARACTERISITICS	POWEROIL CUT					
	NS 1012	NS 1018	NS 1024	NS 1032	NS 1037	NS 1040
Specifications	–	Grade I	Grade I	Grade II	Grade II	Grade II
Kinematic Viscosity@40°C, cSt	12	18	24	32	37	40
Flash point, COC, °C., Min.	150	160	160	180	180	180
Copper strip corrosion at 100°C for 3 hrs.	4c	4c	4c	4c	4c	4c

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

### APPLICATION:

- Recommended for severe metal cutting operations e.g. gear cutting, broaching and threading on ferrous metals and alloys.

### PERFORMANCE BENEFITS:

- High weld load characteristics enabling machining under the most arduous metal working operations on tough ferrous metals
- Outstanding surface finish
- Longer cutting tool life
- Cost effective operation, leading to lower maintenance costs
- Very low active sulfur “drop outs”, leading to sustained EP properties.