



## TECHNICAL DATA

### Maxcut Series

A range of heavy duty multi-functional, chlorine free, low viscosity neat cutting oils formulated with highly refined low volatility base oils and special additives. These offer outstanding wetting and flushing properties along with good sludge separation properties. All these factors contribute to optimum tool life and excellent surface finishes.

### Features

- May be used for all Ferrous Metals, as well as Aluminium, Copper and Bronze Alloys
- Chlorine and Zinc free
- Easy to select required grade
- Contains EP additives to increase load carrying capacity and reduce wear
- Outstanding wetting-out
- Optimum tool life
- Excellent surface finishes
- Good filterability

### Process Selection:

	Metallurgy				
	Carbon Steel	Alloy Steel	High Tensile & Stainless Steel	Cuprous Alloys	Aluminium Alloys
Broaching / Gundrilling	4	5	5	2 / 3	2 / 3
Tapping / Threading	3 / 4	5	5	2 / 3	2 / 3
Gear Cutting	3 / 4	5	5	2 / 3	2 / 3
Drilling	2 / 3 / 4	3 / 4 / 5	4 / 5	1 / 2 / 3	1 / 2
Turning	2 / 3 / 4	4 / 5	5	1 / 2 / 3	1 / 2
Thread Rolling	4	4 / 5	5	2 / 3	2 / 3
Grinding	1 / 2 / 3	2 / 3 / 4	2 / 3 / 4	1 / 2 / 3	1 / 2 / 3

### Typical Physical Characteristics:

Grade	No.1	No.2	No.3	No.4	No.5
Density @ 15C	0.854	0.859	0.860	0.868	0.874
Viscosity @ 40C	15.0 cSt	15.0 cSt	15.0 cSt	15.0 cSt	15.0 cSt
Flash Point	>120C	>150C	>150C	>150C	>150C
Appearance	Amber	Amber	Amber	Amber	Amber
Product Code					

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