

NEATCUT PLUS

DESCRIPTION:

NEATCUT PLUS is active type neat cutting oil. This oil contains a sulphurised fatty material, which improves oiliness property thus providing better surface finish. Neat cutting Oil is blended with highly refined HVI refined oils and selected oiliness additives to improve the surface adherence properties of various machines. This oil possesses extreme pressure properties.

APPLICATIONS

NEATCUT PLUS cutting oil is suitable for less severe classes of machining on ferrous metals and is excellent for automatic lathes, screw cutting machines etc, known for its high efficacy and purity. Neatcut plus is recommended for most of the cutting operations on ferrous metals under severe operating conditions, which demand high degree of chemical activity in oils. This oil is suitable for machining operations on high tensile stainless steel as well as Ni-Cr alloys by automatics, gear cutting, hobbing, drilling, reaming and thread cutting machines. To obtain best results with the use of this product, it is necessary that a copious flow of oil at low pressure is maintained at the cutting area. Also, the oil is inexpensive to afford.

APPLICATIONS

- Recommended for metal cutting and grinding operations.
- Recommended for all heavy duty metal working operations.
- Recommended for manual and CNC operating machines.

BENEFITS

- Excellent heat removal and good lubrication, Gives good finishing and improves product quality.
- Good emulsion stability Increases the service life of the cutting tools.
- Good protection against rusting, corrosion and bacterial growth.
- Provides continuous protection to tool edges over a wide range of operating temperatures.
- Helps in improved surface finish due to the added oiliness property.
- Enables machining of tough, ductile steels in severe operations.
- Prevents localized welding between the chip and tool.
- Keeps at minimum, oil drag-out losses on components and swarf.

PROPERTIES

ISO GRADE	15	22	32	40
Appearance	Clear & Bright	Clear & Bright	Clear & Bright	Clear & Bright
Viscosity @ 40°C Cst	14-16	20-24	28-34	36-42
Flash Point °C	160	180	200	210
Pour Point	-6°C	-6°C	-6°C	-6°C
Copper corrosion	4	4	4	4

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