



PRODUCT DATA SHEET

Neat Cutting Fluid

CIM ULTRA NEAT CUTTING FLUID

C.I.M Neat Cutting Oil is Ester and Hydrocracked technologies that provides a higher flash point, lighter colour, improved misting and odour, and higher oxidation stability. This results in increased operator acceptance. Products with lower viscosity reduce drag out resulting in lower consumption and a cleaner working environment

Features:

- Compatible with all metals
- Excellent flushing and lubrication properties
- Chlorine and heavy metal free
- Formulated on highly refined base oils and high flash point biodegradable ester
- Low viscosity
- Wide range of base oil technologies, including thermally stable base oils, the latest generation of EHVI hydrocracked (aromatic free) base oils
- Advanced additive technology leads to exceptional wetting and lubricating properties

Benefits:

- No staining on ferrous and non-ferrous metals
- Extends honing stone life
- Maintains high surface finish and dimensional accuracy

- Good for your environmental requirements
- Reduces disposal costs
- Meets your productivity demands
- Minimises oil drag out, especially with small parts
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- Meets your productivity demands
- Low odour and pale colour
- High cutting efficiency delivers extended tool life and excellent surface finish
- Allows higher productivity
- Maintains accuracy of grinding wheels over a long time period with reduced downtime and tooling costs, e.g. wheel dressing etc.
- Improves working environment
- Reduces drag out and improves filtration properties

Applications:

- Grinding
- Drilling and deep hole drilling
- Broaching and gear manufacturing
- General Machining -TURNING, THREADING, REAMING, MILLING

Physical Characteristics CIM ULTRA NEAT CUTTING

Appearance	Pale Yellow
Density @ 20 C°	0.8575
Viscosity @ 40 C°	28.669
Viscosity @ 100 C°	5.8971
Viscosity Index	136.10
Solubility	In-Soluble
pH Distilled Water (5%)	9.5%
Thermal Stability	B&C no separation
Pour Point	-30 C°
Flash Point	210 C°

CIM Neat Cutting Fluid

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