



Tarmond PCF 512

NEAT CUTTING & GRINDING OIL

Product Description:

Tarmond PCF 512 is a neat cutting and grinding oil formulated with special esters and advanced EP additives for demanding applications such as metal cutting and grinding. It provides excellent lubricity, high wear resistance, and effective corrosion protection while reducing oil mist formation. The oil improves surface quality, extends tool life, and enhances overall process efficiency.

Applications:

TARMOND PCF 512 is designed for general machining of ferrous and non-ferrous metals.

Benefits:

- ❖ Advanced additive technology delivers high extreme pressure (EP) lubricity, extending tool life and helping lower production costs
- ❖ Improved surface finish, dimensional accuracy, and increased cutting speeds improve process efficiency and reduce rejects
- ❖ Low viscosity and excellent wetting characteristics reduce drag-out, resulting in lower product usage
- ❖ Anti-mist additive reduces misting and oil usage in high-speed operations, providing a clean and pleasant working environment
- ❖ Low odour and light colour improve operator acceptability and provide excellent visibility of the workpiece
- ❖ Wide-range machining capability helps reduce product inventories

Technical Data:

Tarmond PCF 512	Test Method	
Colour	Visual	Light Yellow
Density at 15 °C, gr/cm ³	ASTM D 4052	0.85
Viscosity at 40 °C, cSt	ASTM D 445	14 – 15
Flash Point, °C	ASTM D 92	175 - 180
Pour Point, °C	ASTM D 97	-41
Copper Corrosion at 100 °C	ASTM D 130	1a

Above values are the typical values of the products and may vary with each batch.