TARMOND PCF 512

NEAT CUTTING & GRINDING FLUID

Product Description:

TARMOND PCF 512 is a neat cutting and grinding oil designed for difficult operations. Its high EP additive content based by premium fatty acid esters, these products are specially recommended for deep cutting, drilling etc. Very good lubrication property due to selected based oils and premium European additive technology. It leads to high anti-wear and anti-corrosion protection of cutting tools. It also performs excellent anti-mist properties during operation.

Applications:

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

Benefits:

- Advanced additive technology gives high extreme pressure (EP) lubricity properties and lowers production costs through extended tool life
- Improved surface finish and increased cutting speeds leads to improvement of process efficiency
- Low odour and light colour results in high operator acceptability and allowing operators an excellent view of their work
- High level of machining performance
- Increased production resulting from improvement in tool life and a reduction in downtime for tool changes
- Wide range machining capability reduces product inventories
- Improved surface finish and dimensional accuracy results in fewer rejects
- The high extreme pressure content of the product allows cutting speeds and feeds to be maximised
- Low viscosity and excellent wetting characteristics reduce drag out and result in lower product usage
- Anti-mist additive reduces misting and oil usage in high-speed operations giving a clean and pleasant working environment

Technical Data:

TARMOND PCF 512	Test Method	
Colour	Visual	Light yellow
Density at 15 °C gr/cm³	ASTM D 4052	0.85
Viscosity at 40 °C cSt	ASTM D 445	14 - 15
Flash point °C	ASTM D 92	205
Copper corrosion at 100 °C	ASTM D 130	1a

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