



## Tarmond MEA 302

### SOLUBLE OIL

#### Product Description:

**Tarmond MEA 302** is a water-soluble oil formulated to deliver strong corrosion protection and reliable machining performance in applications where a high mineral oil content is preferred. It forms a milky emulsion with excellent lubricating and cooling properties, enabling smooth cutting performance across a wide range of materials and improving surface quality. The fluid resists bacterial degradation and readily separates tramp oils from the emulsion surface, helping keep machines cleaner and improving overall operational efficiency.

#### Benefits:

- ❖ Very good rust prevention on parts after machining
- ❖ Wide metal compatibility - Al, Zn, Fe, Stainless Steel, Mg (except yellow metals)
- ❖ Good resistance to bacterial degradation
- ❖ Adapted for a wide range of machine feeds & speeds
- ❖ Fewer wearability on tools
- ❖ Lower operational temperature

#### Technical Data:

Tarmond MEA 302	Test Method	
Colour	Visual	Amber Clear
Density at 15 °C, gr/cm <sup>3</sup>	ASTM D 1298	0.87
pH @ 3% Concentration	DIN 51369	9.2 – 9.5
Refractometer Reading @ 3% Concentration	TRM-110	1.25 ± 0.1
Corrosion Performance @ 3% Concentration	DIN 51360/2	0/0 pass
Colour of Emulsion @ 3% Concentration		Milky White
Concentration		5% - 8% depending upon severity of operation

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