



Tarmond MEA 911

FULL SYNTHETIC GRINDING OIL

Product Description:

Tarmond MEA 911 is a fully synthetic, clear grinding fluid for surface, cylindrical, and centerless grinding of iron, steel, and stainless steel, excluding aluminum and yellow metals. Its formulation supports stable and clean grinding performance, aligned with biodegradability requirements. It provides effective material removal and reliable corrosion protection, while operating with low foam tendency and controlled microbial activity to maintain fluid stability over extended service life. The product helps extend tool life, reduce downtime, and is free from formaldehyde donors and secondary amine compounds that may pose health risks.

Benefits:

- ❖ Ability to form stable emulsions with water at 5–20 dH hardness
- ❖ Very high emulsion stability and low foaming tendency
- ❖ Excellent detergency, very good cooling and lubricating properties
- ❖ Outstanding corrosion protection and high resistance to fungi and bacteria
- ❖ Provides excellent cooling and chip removal, good tramp oil rejection, and machine cleanliness
- ❖ Increases production by extending tool life and reduces downtime due to tool changes

Technical Data:

Tarmond MEA 911	Test Method	
Colour	Visual	Clear/Light Brown
Density at 15 °C, gr/cm ³	ASTM D 1298	1
pH, 3% Emulsion	DIN 51369	9.4 – 9.6
Refractometer Factor 3% Emulsion	TRM-110	2.2
Corrosion, 3% Emulsion	DIN 51360/2	0/0 Pass
Flash Point, °C	ASTM D 92	170

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