



METAL WORKING OILS

ADDINOL PENTA-COOL NM 10

PRODUCT DESCRIPTION

ADDINOL Penta-Cool NM 10 is a non-water miscible coolant based on naphthenic and aliphatic hydrocarbons.

DELIVERY

Delivery preferable in drums.

APPLICATION

- Specially developed for punching of thin and electrical sheets
- Preferable application for cooling and lubricating of punching tools
- Excellent suitability for the processing of steel, aluminium, copper and brass

APPLICATION CONCENTRATION

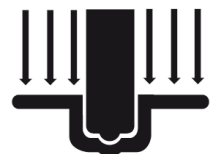
Undiluted application.

CHARACTERISTICS

- Evaporates after adapted storage time of the sheet metal
- Free from chlorine
- Not emulsifiable

ADVANTAGES AND BENEFITS

- Does not leave residues
- No health hazard
- Undiluted application





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test conditions / unit		Penta-Cool NM 10	Method acc. to
Colour			colourless liquid	visual
Application concentration			undiluted	
Density	at 15°C	kg / m ³	765	DIN 51757
Viscosity	at 20°C	mm ² /s	1.9	DIN 51562
Flash point	PM	°C	61	DIN EN ISO 2719
Pour point		°C	< - 20	DIN ISO 3016
Aromatics content		Ma%	max. 0.05	UV/VIS

ADDINOL - The Experts for High-Performance Lubricants

We at ADDINOL develop and produce more than 600 high-performance lubricants of the new generation. Among these are automotive lubricants for highest demands and pioneering developments for industrial applications. Our customers all over the world benefit from the high and stable quality of our ADDINOL high-performance lubricants, our know-how and the individual customer advisory service of our competent experts. Our company has world wide activities. ADDINOL high-performance lubricants are distributed by more than 90 international partners.

The data given in this product sheet represent our current level of knowledge and experience. Due to the various specific application they do, however, not discharge the user from his own examination. The information provided herein may not be used to derive a legally binding warranty of specific properties or the suitability for a certain purpose of application. Detailed security-concerning and toxicological data as well as security instructions for each product can be taken from the corresponding Material Safety Data Sheets (MSDS). High-performance lubricants from ADDINOL are under continuous development. Therefore, ADDINOL Lube Oil GmbH keeps the right to change technical data in this product data sheet without notification. In case of doubt, please do not hesitate to contact our customers' advisory service.