



METAL WORKING OIL

ADDINOL FORM 150 C-ZF

PRODUCT DESCRIPTION

ADDINOL Form 150 C-ZF is a metal working oil (drawing oil) free from chlorine, zinc and heavy metal based on high-quality paraffin base mineral oil raffinates with excellent corrosion protecting characteristics.

DELIVERY

Delivery preferable in drums.

APPLICATION

- Preferred application for:
 - Rod drawing
 - Polishing
 - Punching
 - Cold extrusionmaterials which are difficult to very difficult to form and for their preservation
- NOT usable for non-ferrous metal processing

APPLICATION CONCENTRATION

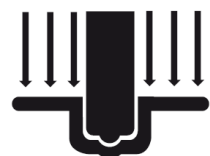
Undiluted application.

CHARACTERISTICS

- Improved wear additives
- Very good anti-corrosion additives
- Free from chlorine, zinc and heavy metals

ADVANTAGES AND BENEFITS

- Increased ageing resistance
- Outstanding protection of the workpieces
- Easy disposal





ADDINOL FORM 150 C-ZF

SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		Form 150 C-ZF	Method acc. to
Appearance, colour			dark brown, cloudy	visual
Application concentration			undiluted	
Density	at 15°C	kg / m ³	935	DIN EN ISO 12185
Viscosity	at 40°C	mm ² /s	146	DIN EN ISO 3104
Flash point	COC	°C	> 200	DIN EN ISO 2592
Pour point		°C	- 9	ASTM D 7346
Total base number (TBN)		mg KOH / g	57	DIN ISO 3771
Content of sulphur		%	> 0.75	DIN 51400-2
Testing in a saturated atmosphere			passed	

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.