



SPECIAL PRODUCTS

ADDINOL DRAWING LUBE 35

PRODUCT DESCRIPTION

DRAWING LUBE 35 is a white, water miscible drawing paste based on native esters in combination with surface-active substances.

DRAWING LUBE 35 is free of mineral oil and does not contain any active sulphur and chlorine compounds, complexing agents or silicones.

APPLICATION

- Preferably usable for drawing of phosphatised, whitened, galvanised, copper plated or dry pre-drawn steel wire
- Also usable in drawing boxes, wet and dip drawing machines as well as for deep drawing applications
- If necessary, the product or product solution can be easily removed from the material surface by using aqueous-alkaline degreasing agents.

DELIVERY

Delivery preferable in 25 kg hobbock.

HANDLING INSTRUCTIONS

Drawing boxes

Subsequent to dry drawing processes the product is applied as paste in the last drawing box for polishing. Forming degrees of up to 15% can be achieved. The application of dry drawing agents effects a thickening of the product during operation time. This thickening can be counteracted by adding fresh drawing paste or water.

Dip drawing machines

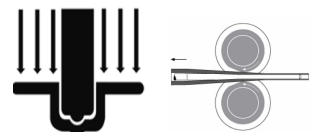
For use in dip drawing machines the product is applied as a watery solution. By dissolving the paste in water an opaque solution results. The concentration can be determined by measuring the refractometer value (multiplying by factor 3.1). Depending on the pre-treatment and running-in diameter, the suited product concentration ranges between 2% for galvanised wires in fine drawing process up to 15% for whitened wires in medium drawing processes.

CHARACTERISTICS

- Water-soluble
- Free of chlorine and heavy metals

ADVANTAGES AND BENEFITS

- Thickening can be counteracted by adding water
- Physiologically harmless
- Good surface quality
- Environment-friendly





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition/unit	Drawing Lube 35	Method acc .to
Appearance		white	visual
Penetration	1/10 mm	310	DIN 51804
pH-value	10% mixture	8.6	DIN 51369
Neutralisation number	mg KOH/g	33.2	DIN 51558
Saponification value	mg KOH/g	35.4	DIN 51559

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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.