



METAL WORKING OILS

ADDINOL CUTTING OIL K 16 S, K 33 S PF 30

PRODUCT DESCRIPTION

ADDINOL Cutting oils K 16 S and K 33 S PF 30 are metal processing agents free from chlorine based on special mineral oil raffinates containing additives to increase the pressure absorption capacity (EP additives), polar lubricity improvers, corrosion inhibitors and antioxidants.

APPLICATION

- Excellent suitability as cooling liquid and lubricating fluid for metal cutting

ADDINOL Cutting Oil K 16 S

- Ideally suitable for the machining of good to medium-heavy machineable iron materials, even on automatic machine tools
- Suitable for cutting copper and non-ferrous alloys

ADDINOL Cutting Oil K 33 S PF 30

- Excellent for difficult-to-machine steels such as high-alloy steels and tempering steels, chrome-vanadium steels and stainless steels
- Not suitable for copper and non-ferrous alloys

DELIVERY

Delivery preferable in drums.

CHARACTERISTICS

- Free from chlorine
- EP-additives

ADVANTAGES AND BENEFITS

- No health hazard
- Processing also at higher loads





ADDINOL CUTTING OIL K 16 S, K 33 S PF 30

SPEKIFIKATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		K 16 S	K 33 S PF 30	Method acc. to
Appearance, colour			clear, free from contaminations		visual
Density	at 20°C	kg / m ³	873	883	DIN 51757
Viscosity	at 40°C	mm ² /s	23	29	ASTM D 7042
Flash point	COC	°C	235	210	DIN EN ISO 2592
Pour point		°C	-16	-13	ASTM D 7346
Cooper corrosion	3h at 100°C	corr.level	1	>2	DIN EN ISO 2160

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.