



CYLINDER OILS

ADDINOL CYLINDER OIL Z 1000, Z 1500

PRODUCT DESCRIPTION

ADDINOL Cylinder oils Z 1000 and Z 1500 are highly viscous mineral oils with a good adhesive and lubricating power.

APPLICATION

- Excellent suitability for the lubrication of steam generators
- Fit for the application at other thermal and to some extent mechanically highly loaded lubrication points

ADDINOL Cylinder oil Z 1000 for wet steam at steam temperatures up to +325°C.

ADDINOL Cylinder oil Z 1500 for superheated steam at steam temperatures up to +380°C.

SPECIFICATIONS

Meets the requirements of lubricating oils Z according to:

- Type ZB for ADDINOL Cylinder oil Z 1000
- Type ZD for ADDINOL Cylinder oil Z 1500

DELIVERY

Delivery preferable in drums.

CHARACTERISTICS

- Highly viscous
- Extreme thermal stability
- High flash point
- Low pour point

ADVANTAGES AND BENEFITS

- Good adhesive and lubrication ability
- Applicable in high temperature range
- Safe application
- Good cold start behaviour



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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		Cylinder oil Z 1000	Cylinder oil Z 1500	Method acc. to
ISO viscosity class			1000	1500	DIN 51519
Lubrication type			ZB	ZD	DIN 51510
Density	at 15°C	kg/m ³	904	905	DIN 51757
Viscosity	at 40°C	mm ² /s	1006	1450	ASTM D 7042
	at 100°C	mm ² /s	55	69	
Flash point	COC	°C min.	310	320	DIN EN ISO 2592
Pour point		°C max.	-12	-12	ASTM D 7346
Coke residue acc. to Conradson		%	0.9	0.8	DIN 51551-1

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 70 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.