



## BRAKE FLUID

# ADDINOL BRAKE FLUID

### PRODUCT DESCRIPTION

**ADDINOL Brake Fluid** is a fully-synthetic fluid of type DOT 4 based on glycol ether. An effective additivation ensures outstanding corrosion and ageing protection as well as high chemical stability and excellent lubricating properties.

### APPLICATION

- Excellent suitability for hydraulic brake and clutch systems with drum and / or disk brakes
- Usable in all vehicles, which require a fully-synthetic brake fluid according to DOT 4

### MISCIBILITY

NOT miscible with brake fluids based on mineral oil.  
Miscible with other synthetic brake fluids of the same specification.

### SPECIFICATIONS / APPROVALS

Meets the requirements according to:

- FMVSS 116 DOT 3 and DOT 4
- SAE J 1703
- SAE J 1704
- ISO 4925 Class 4

### DELIVERY

Delivery preferable in 0.5 l, 5 l and 20 l cans.

### PLEASE NOTE

Please attend manufacturers' instructions concerning change interval and control.

Keep **ADDINOL Brake Fluid** in well closed cans. Close can immediately after use.

### CHARACTERISTICS

- High chemical and thermal stability
- Excellent corrosion protection
- High dry and wet boiling point
- No evaporation loss
- Good compatibility with sealing materials

### ADVANTAGES AND BENEFITS

- Stable effect in operation interval
- Good compatibility with all materials in brake systems
- Improved protection against formation of steam bubbles
- No refilling is necessary
- High safety because of a faultless system





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## SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test conditions / unit		Brake Fluid	Method acc. to
DOT type			DOT 4	
Specifications			FMVSS 116 DOT 3 and DOT 4 SAE J 1703 SAE J 1704 ISO 4925 Class 4	
Density	at 20°C	kg/m <sup>3</sup>	1055 - 1085	DIN 51757
Viscosity	at -40°C	mm <sup>2</sup> /s	max. 1,400	DIN ISO 51562-1
	at 20°C	mm <sup>2</sup> /s	15 - 17	
	at 100°C	mm <sup>2</sup> /s	2.0 – 2.6	
Boiling point		°C	> 260	FMVSS 116, S6.1
Wet boiling point		°C	> 165	FMVSS 116, S6.2
pH value	at 20°C		7.0 – 11.5	FMVSS 116, S6.4

### 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.