



AUTOMATIC TRANSMISSION FLUID ATF

ADDINOL ATF TASA, ATF D II D

PRODUCT DESCRIPTION

ADDINOL automatic gear fluids ATF TASA and ATF D II D consist of high-quality mineral oil raffinates with a tried and tested combination of additives.

APPLICATION

ADDINOL automatic gear fluids can be used for

- semi- and fully automatic gears in cars and trucks, buses and other commercial vehicles, with and without retarder
- hydrodynamic converters
- hydraulic and auxiliary hydraulic systems (boosters) in automobiles
- application according to regulations of manufacturers

DELIVERY

ATF TASA: Delivery preferable in 20L cans

ATF D II D: Delivery preferable in drums and small cans.

SPECIFICATIONS / APPROVALS

- ATF Type A, Suffix A for ADDINOL ATF TASA
- Dexron II D for ADDINOL ATF D II D

ADDINOL ATF TASA approved acc. to:

- MB-approval 236.2
- Renk – DOROMAT

ADDINOL ATF D II D approved acc. to:

- MAN 339 Z1
- MAN 339 V1
- MAN 339 L2
- MB-Approval 236.1
- ZF000698: ZF TE-ML 04D, 14A
- Renk – DOROMAT

ADDINOL ATF D II D complies with the requirements of:

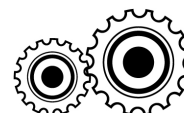
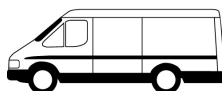
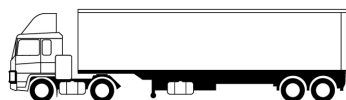
- Allison C3 / C4
- Caterpillar TO-2
- Ford (ESP-M2C138-CJ/166-H/186-A; SQM 2C9010-A/-B)
- Komatsu Dresser (B22-0004)
- Chrysler (MS-6704 A)
- Volvo (97340, 97325, 97335)
- Voith H55.6335.xx

CHARACTERISTICS

- Optimal friction behaviour
- Good anti-wear behaviour
- High scuffing load capacity
- Corrosion-preventing properties
- Excellent cold flow behaviour
- Compatibility with the usual metallic and non-metallic materials in transmissions

ADVANTAGES AND BENEFITS

- Smooth shifting
- Extended oil change intervals
- For highly loaded automatic clutches
- Stable corrosion protection
- Reliable lubrication even at very low outdoor temperatures
- Problem-free application





ADDINOL ATF TASA, ATF D II D

SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		ATF TASA	ATF D II D	Method acc. to
Colour			red	red	visual
Approvals			MB-approval 236.2 Renk (DOROMAT)	MAN 339 Z1 / V1 / L1 MB-approval 236.1 ZF000698: ZF TE-ML 04D, 14A Renk (DOROMAT)	
Density	at 15°C	kg/m ³	868	867	DIN 51757
Kinematic viscosity	at 40°C	mm ² /s	39	41	ASTM D 7042
	at 100°C	mm ² /s	7.3	7.9	
Viscosity index			150	169	DIN ISO 2909
Dynamic viscosity	at -40°C	mPa*s	64,000	30,500	DIN 51398
Flash point	COC	°C	min. 215	min. 205	DIN EN ISO 2592
Pour point		°C	max. -46	max. -51	ASTM D 7346

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.