



AUTOMATIC TRANSMISSION FLUID ATF

ADDINOL ATF XN HD

PRODUCT DESCRIPTION

ADDINOL ATF XN HD is high-performance automatic transmission fluid with high-quality synthetic base oils and a newly developed additive combination for an optimum torque transmission and with an excellent oxidative stability.

ADDINOL ATF XN HD can be used in vehicles requiring Dexron specification D II E.

APPLICATION

- Especially developed for DIWA- and ZF transmissions in a wide range of different vehicle applications
- Outstanding applicability for the lubrication of automatic transmissions of buses, heavy and light commercial vehicles
- Suitable for use in electronically controlled transfer cases

Selected OEM standards for maximum oil drain intervals (ODI):

OEM	Max. drain interval
MAN 339 V2	180,000 km
MAN 339 Z3	120,000 km
Voith	180,000 km
ZF TE-ML 14C, 20C	120,000 km
Volvo 97341	2,000 h

SPECIFICATIONS

Meets and exceeds the OEM performance requirements of:

- MAN 339 V2, Z3, Z12
- MB 236.9 / MB 236.91
- VOITH H55.6335.xx
- VOITH 150.014524.xx
- Volvo 97341
- ZF TE-ML 14C, 20C
- ATF TF-0753
- BMW 83 22 0 397 244, 83 22 2 409 710, 83 22 0 306 816, DTF 1
- Land Rover IYK500010, LR003137
- Nissan 999MP-TF0870P, KLD22-00001EU (ATX90A)
- Porsche 000-043-301-36
- VW G 052 515, G 052 533, G 055 015

DELIVERY

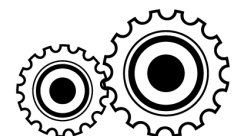
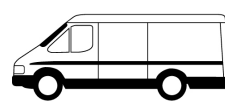
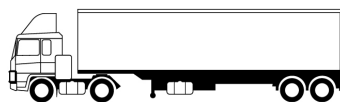
Delivery preferable in Drums and 1L cans.

CHARACTERISTICS

- Extended Oil Drain Interval
- Extended friction durability and a high level of torque capacity
- Excellent cold flow behaviour
- Enhanced oxidative stability
- Excellent extreme pressure and anti-wear performance

ADVANTAGES AND BENEFITS

- **Reliable performance and reduced service costs**
- **Enhanced driving comfort and reliable transmission of maximum torque**
- **Reliable lubrication at start-up even at low temperatures**
- **Longer fluid life and extended service interval even in challenging conditions**
- **Best protection of all transmission components**





ADDINOL ATF XN HD

SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test Condition / Unit		ATF XN HD	Method acc. to
Appearance			clear, free from contaminations, yellowish-brown	visual
Density	at 15°C	kg/m ³	841	DIN 51757
Kinematic Viscosity	at 40°C	mm ² /s	38	ASTM D 7042
	at 100°C	mm ² /s	7.2	
Viscosity Index			156	DIN ISO 2909
Dynamic Viscosity	at -40°C	mPa*s	< 12,000	DIN 51398
Flash Point	COC	°C	230	DIN EN ISO 2592
Pour Point		°C	-54	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 expertise, and the individual customer advisory service of our competent experts. Our company has worldwide 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, however, do 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.