



AUTOMATIC TRANSMISSION FLUID ATF

ADDINOL ATF XN 9

PRODUCT DESCRIPTION

ADDINOL ATF XN 9 is a synthetic high-performance lubricant for automatic transmissions. Selected synthetic base oils are combined with an especially developed and proven additive technology.

APPLICATIONS

- Especially developed with an excellent anti-wear performance and for a smooth functioning in modern automatic transmissions with 9 speeds in a various range of passenger cars, and for certain models with 10-speed transmissions.
- For modern ZF automatic transmissions with 6, 8, or 9 speeds in high-performance US-American, Asian, and European cars or SUVs.
- Reduced viscosity to deliver fuel economy benefits depending on vehicle type, vehicle condition, and driving conditions.

DELIVERY

Delivery preferable in drums and small cans.

SPECIFICATIONS

Meets and exceeds the international OEM performance requirements acc. to:

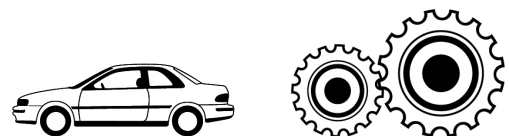
- ATF M-1375.6
- Ford Mercon ULV, XT-12
- Honda ATF Type 3.1
- Land Rover LR 023288, LR 023289
- Mercedes-Benz 236.16 /17
- ZF 9HP

CHARACTERISTICS

- Enhanced load carrying capacity and wear protection
- Constant friction characteristics
- Very good thermal and oxidation stability
- Excellent cold flow behaviour
- Excellent shear stability

ADVANTAGES AND BENEFITS

- Protection of highly loaded gearbox components
- Smooth shifting behaviour for highest driving comfort and low shifting lag for sporty rides
- Constant high-performance during oil lifetime
- Reliable lubrication at start-up even at very low outdoor temperatures
- Reliable viscosity stability in operation





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		ATF XN 9	Method acc. to
Appearance			clear, free of contaminations, yellowish brown	visual
Density	at 15°C	kg/m ³	841	DIN 51757
Kinematic Viscosity	at 40°C	mm ² /s	23	ASTM D 7042
	at 100°C	mm ² /s	5.1	
Viscosity Index			162	DIN ISO 2909
Dynamic Viscosity	at -40°C	mPa*s	< 5,000	DIN 51398
Flash Point	COC	°C min.	200	DIN EN ISO 2592
Pour Point		°C max.	-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 provided 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.