



UNIVERSAL TRACTOR OILS

ADDINOL UNIVERSAL FLUID 20W-40

PRODUCT DESCRIPTION

ADDINOL Universal Fluid 20W-40 is based on high-quality mineral oil raffinates and a special additive combination.

APPLICATION

- Highly suitable for the application in tractors as well as machines in agriculture, forestry and construction industry for the lubrication of manual transmissions, axle transmissions, hydraulics as well as wet brakes and clutches
- Especially designed for the application in Volvo tractors and construction machinery
- Particular suitability for heavy operating conditions

PLEASE NOTE

ADDINOL Universal Fluid 20W-40 must not be used as engine oil!

DELIVERY

Delivery preferable in drums and 20 l cans.

SPECIFICATIONS / APPROVALS

Meets the following specification:

- Volvo VME WB 101

The product meets and surpasses the requirements of:

- API GL-4
- DIN 51524-2 (HLP)
- DIN 51524-3 (HVLP)

ADDINOL Universal Fluid 20W-40 can be applied in the following systems:

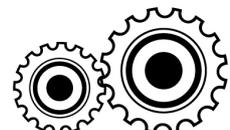
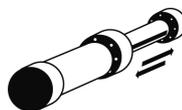
- Gears
- Wet brakes
- Clutches
- Hydraulic systems

CHARACTERISTICS

- Very high ageing stability
- Well-balanced friction characteristics
- High shear stability
- Excellent wear protection
- Multi-grade character

ADVANTAGES AND BENEFITS

- Long service life
- No unwanted slipping or sticking effects of wet brakes
- Stable viscosity also at high long-term loads
- Very good protection of machine parts
- All-season use





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		Universal Fluid 20W-40	Method acc. to
SAE grade	J 306 (J 300)		85W (20W-40)	
API			GL-4	Laboratory and engine tests acc. to ASTM and CEC
Density	at 15°C	kg/m ³	870	DIN 51757
Kinematic viscosity	at 40°C	mm ² /s	79	ASTM D 7042
	at 100°C	mm ² /s	12.5	
Viscosity index			150	DIN ISO 2909
Dynamic viscosity	at -15°C	mPa·s	< 4,500	DIN 51398
Flash point	COC	°C	min. 230	DIN EN ISO 2592
Pour point			max. -45	ASTM 7346
TBN	mg KOH / g		7.3	DIN ISO 3771

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.