



UNIVERSAL TRACTOR OILS

ADDINOL UTTO PLUS

PRODUCT DESCRIPTION

ADDINOL UTTO Plus is a multi-function oil of type UTTO (Universal Tractor Transmission Oil) in SAE grade 5W-30, SAE grade 75W-80 respectively.

ADDINOL UTTO Plus is based on high-quality semi-synthetic components combined with powerful additives for ensuring a reliable operation of transmissions, axles and hydraulic systems in construction and agricultural machinery.

APPLICATION

- Especially suited for the lubrication of manual transmissions, axle drives as well as hydraulic systems in tractors, forestry equipment, construction machinery and agricultural machines
- Also highly fit for final drives with and without wet brakes and clutches as well as for final drives with and without limited slip differential
- Particularly recommended for heavy operating conditions, especially for tractor types of Fiat, Renault, Fendt, New Holland/Ford and Denison

PLEASE NOTE

UTTO fulfil gear and hydraulic oil properties and are generally not suitable for use as engine oil!

DELIVERY

Delivery preferable in drums, small drums and 20 l cans.

CHARACTERISTICS

- Very high viscosity index, wide temperature range
- Particularly good low-temperature behaviour
- Native ISO VG 46
- High ageing stability
- Balanced friction behaviour
- High shear stability
- Ideal wear protection

SPECIFICATIONS

ADDINOL UTTO Plus is highly recommended for an operation acc. to:

- Allison C4 (C2, C3)
- Case/New Holland MS 1204/1206/1207*/1209*/1210
- Caterpillar TO-2
- John Deere JDM J 20D (inkl. LD303, J14B/C, J20A-C)
- Komatsu
- Kubota Super UDT
- Massey Ferguson M-1110/1127/1129/1141/1143/1145
- MEC TH60/TH80
- Renk-Doromat 874 A/B
- Steyr BR 80 Getriebe/Transaxle/Hydraulik
- TCM Stapler
- Volvo WB 101 (97303)
- ZF TE-ML 03E, 05F, 06K, 17E

*differing elements

ADDINOL UTTO Plus meets and outperforms the requirements for transmissions and wet brakes/ clutches of:

- API GL-4

ADDINOL UTTO Plus meets and exceeds the requirements for hydraulic systems acc. to:

- DIN 51524-2 (HLPD, HM)
- DIN 51524-3 (HVLPD, HV)
- Denison HF-2, HF-1, HF-0 (except for demulsifying ability)

ADVANTAGES AND BENEFITS

- Flexible and wide application range
- Outstanding reaction of transmission and hydraulic systems at low temperatures
- Multi-grade characteristics - adjacent ISO viscosity grades are covered
- Long service life, long oil change intervals
- No unwanted stick –slip effect at wet brakes and clutches
- Stable viscosity also under high and long-term loads
- Excellent protection of transmissions, hydraulic systems and final drives



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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		UTTO Plus	Method acc. to
SAE grade (engine)			5W-30	J 300
SAE grade (transmission)			75W-80 (75W)	J 306
ISO viscosity grade			46 (32-68)	DIN 51519
API class			GL4	Laboratory and engine tests acc. to ASTM and CEC
Hydraulic system			HLPD HVLPD	
Density	at 15 °C	kg/m ³	860	DIN 51757
Kinematic viscosity	at 40 °C	mm ² /s	50	ASTM D 7042
	at 100 °C	mm ² /s	9.9	
Viscosity index			183	DIN ISO 2909
Apparent viscosity (CCS)	at -30°C	mPas	5,800	DIN 51377
Flash point	COC	°C	230	DIN EN ISO 2592
Pour point		°C	-47	ASTM D 7346

ADDINOL – The Experts for High-Performance Lubricants

We at ADDINOL develop and produce more than 650 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.