



## UNIVERSAL TRACTOR OILS

# ADDINOL UTTO EXTRA

### PRODUCT DESCRIPTION

ADDINOL UTTO Extra is a multi-function oil of type UTTO (Universal Tractor Transmission Oil) in SAE grade 20W-40, SAE grade 85W respectively.

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

### APPLICATION

- Excellent suitability for tractors, forest and construction machinery and agricultural equipment for the lubrication of manual transmissions, axle drives, hydraulic systems as well as wet brakes and clutches
- Highly fit under heavy operating conditions, especially for tractor types of Fiat, Renault and New Holland / Ford

### PLEASE NOTE

**ADDINOL UTTO Extra must not be used as engine oil!**

### DELIVERY

Delivery preferable in containers, drums and 20 l cans.

### CHARACTERISTICS

- High ageing resistance
- Balanced frictional behaviour
- High shear stability
- Ideal wear protection
- Multi-grade characteristics
- Prevents squeaking caused by friction

### SPECIFICATIONS

ADDINOL UTTO Extra is approved by:

- ZF001845: ZF TE-ML 05F, 06K, 17E, 21F

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

- John Deere
  - JDM J 20 A/B/C
  - JDM J 14 B/C
  - JDT LD 303 Quatrol
- Case-IH MS-1204
- Ford-New Holland FNH-2-C-201
- Allison C4 (C2, C3)
- Caterpillar TO-2
- Hesston-FIAT AF87
- TCM Forklifts

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

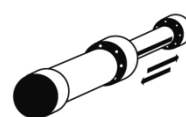
- API GL-4

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

- DIN 51524-2 (HLP, HLPD)
- Denison HF-2, HF-1, HF-0 (except for demulsifying ability)

### ADVANTAGES AND BENEFITS

- Long service life of the lubricant
- No undesirable slipping or sticking of wet brakes
- Stable viscosity also at high loads over longer periods
- Very good protection of machine components
- All-season application





## ADDINOL UTTO EXTRA

### SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		UTTO Extra	Method acc. to
Approvals			ZF001845: ZF TE-ML 05F, 06K, 17E, 21F	
SAE grade (engine)			20W-40	J 300
SAE grade (transmission)			85W	J 306
ISO viscosity grade			100	DIN 51519
API class			GL4	Laboratory and engine tests acc. to ASTM and CEC
Density	at 15°C	kg/m <sup>3</sup>	879	DIN 51757
Kinematic viscosity	at 40°C	mm <sup>2</sup> /s	105	ASTM D 7042
	at 100°C	mm <sup>2</sup> /s	13.3	
Viscosity index			124	DIN ISO 2909
Dynamic viscosity	at -15°C	mPas	< 6,000	DIN 51398
Flash point	COC	°C	260	DIN EN ISO 2592
Pour point			-38	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.