



AUTOMOTIVE TRANSMISSION OILS

ADDINOL TRANSMISSION OIL GH 75 W 90 SL

PRODUCT DESCRIPTION

ADDINOL Transmission oil GH 75 W 90 SL is a fully synthetic *Total Driveline* light-weight transmission oil at longest oil change intervals, also for heavy commercial vehicles.

APPLICATION

- Very good suitability for MAN transmissions, which demand type MAN 342 S1 (SL, long distance) according to manufacturers manual
- Outstanding applicability for the lubrication of axle drives of heavy commercial vehicles, which according to the manufacturer require the type MAN 341 Z2

Selected OEM standards for maximum oil change intervals:

OEM	Transmission	Specification	max. drain/km
DAF (PACCAR)	DAF	GL-5	300,000
Iveco	Meritor (Rockwell)	MIL-PRF-2105E	160,000
MAN	ZF/MAN	MAN 342 S1	320,000
Daimler	MB with FSS	MB 235.8	500,000
Volvo	Meritor (Volvo design)	97312	400,000
ZF	ZF	TE-ML 12L/N	240,000

SPECIFICATIONS / APPROVALS

Meets and exceeds the international specifications of:

- API GL-5
- API MT-1
- MIL-L-2105 D
- SAE J2360 (MIL-PRF-2105 E)

Approved according to:

- MAN 341 Z2, 342 S1
- ZF002260: ZF TE-ML 02B, 05A, 12L, 12N, 16F, 17B, 19C, 21A
- MB-Freigabe 235.8

Complies with the requirements of:

- Bosch Steering TE-ML 08
- Mack GO-J
- Scania STO 1:0
- Scania STO 2:0 G, STO 2:0 A FS
- Volvo Transmission Oil 97312
- DAF, IVECO, RENAULT
- ZF TE-ML 05B, 07A, 21B
- Kessler
- BMW (Non LS)

DELIVERY

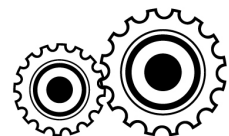
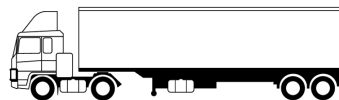
Delivery preferable in drums and 20 liter cans.

CHARACTERISTICS

- Extreme ageing resistance
- Outstanding cold flow behaviour
- Very high scuffing load capacity and safe wear protection
- High shear stability
- Good corrosion protection

ADVANTAGES AND BENEFITS

- Longlife with extreme oil change intervals
- Very good starting characteristics also in winter
- High loading capacity of the transmission
- Reliable lubrication also under highest loads
- Outstanding protection of the transmission parts with low maintenance and repair costs





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test conditions / unit		GH 75 W 90 SL	Method acc. to
Appearance			clear, free from contaminations	visual
Approvals			MAN 341 Z2 / 342 S1 ZF002260: ZF TE-ML 02B, 05A, 12L, 12N, 16F, 17B, 19C, 21A MB-Freigabe 235.8	OEM-standard
SAE-grade	J 306		75W-90	Laboratory and engine tests acc. to ASTM and CEC
API			GL-5	
Density	at 15°C	kg/m ³	868	DIN 51757
Viscosity	at 100°C	mm ² /s	15,7	ASTM D 7042
Viscosity index			155	DIN ISO 2909
Apparent Viscosity	at -40°C	mPa*s	max. 70.000	DIN 51398
Flash point	COC	°C min.	205	DIN EN ISO 2592
Pour point		°C max.	-57	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.