



## AUTOMOTIVE TRANSMISSION OILS

### ADDINOL TRANSMISSION OIL GL 80 W, GL 90, GL 140

#### PRODUCT DESCRIPTION

ADDINOL Transmission oils GL are with mild additivation automotive transmission oils based on mineral oil.

#### SPECIFICATIONS / APPROVALS

Meets and exceeds the international specifications of:

- API GL-3

#### APPLICATION

- Usable for the lubrication of simple automotive transmissions
- Suitable for the lubrication of non-hypoid geared axle drive of passenger and commercial cars with low specific loads
- Applicable for older vehicle models
- GL 80 W is also usable for simple hydraulic systems at the vehicle
- Please follow the manufacturers manual

#### DELIVERY

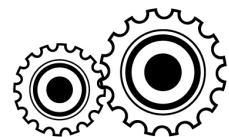
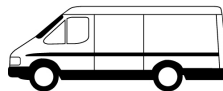
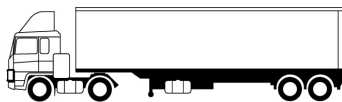
Delivery preferable in drums and small cans.

#### CHARACTERISTICS

- Good wear protection
- Good scuffing load capacity
- High ageing resistance
- Good corrosion protection
- Good foaming characteristics

#### ADVANTAGES AND BENEFITS

- Long lifetime of the transmission
- Good loading capacity of the transmission
- Long oil lifetime
- Good protection of transmission parts with low maintenance and repair costs
- Effective lubrication and operating also at trans-  
missions, which tend to foam formation





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### SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test conditions / unit		GL 80 W	GL 90	GL 140	Method acc. To
Appearance			Clear, free from contaminatins			visual
SAE-grade	J 306		80 W	90	140	ASTM
API			GL 3			Laboratory and engine tests acc. to ASTM and CEC
Density	at 15°C	kg/m <sup>3</sup>	880	892	903	DIN 51757
Viscosity	at 100°C	mm <sup>2</sup> /s	11.5	19.1	30.3	ASTM D 7042
Viscosity index			98	90	93	DIN ISO 2909
Apparent viscosity	at -26°C	mPa*s	max. 150.000	--	--	DIN 51398
Flash point	COC	°C min.	260	270	290	DIN EN ISO 2592
Pour point		°C max.	-28	-26	-20	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 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.