

## Gear oils

### AUTOL Getriebeöl LS

SAE 80W-90  
API GL 5 + LS

**Special multi-purpose gear oil** with highest-pressure properties and changed friction value (Limited Slip) for the use in motor vehicle axle drives with and without self-locking differential.

#### Characteristics (typical figures):

AUTOL Getriebeöl LS			80W-90	Test
Kin. Viscosity	at 100°C	mm <sup>2</sup> /s	15,2	ISO 3104
Density at 15°C		kg/l	0,903	DIN 51 757
Flash point o. C.		°C	> 190	ISO 2592
Pourpoint		°C	-30	ISO 3016

#### Properties and Performance:

**AUTOL Getriebeöl LS** is reducing noises in vehicles with self-locking differentials due to agents that change the friction value. Exquisite highest-pressure additives ensure excellent lubrication also under extremely dynamic conditions such as high stress of the gear teeth due to high surface pressure, high and changing sliding portion and strain produced by shocks as to be found in modern vehicle hypoid drives with large axle tramp. Good oxidation stability, also at high thermal stress, prevents early oil ageing, increase of viscosity and formation of sludge. Minimal foam tendency ensures a steady stable oil film at the lubricated gear teeth and prevents oil film rupture even at high transmission speeds.

#### Applications:

**AUTOL Getriebeöl LS** is a noise reducing special oil with Limited Slip for self-locking differentials in motor vehicle axle drives. Since the application range also covers motor vehicle axle drives with differentials without lock it can be used for the standardization of the use of gear oil types GL 5.

Please observe the manufacturer's specifications when selecting products.

#### Specifications:

API GL-5 + LS  
MIL-L-2105 D