

## Gear oils

### AUTOL GETRIEBEÖL VSL-4

SAE 75W-80W  
 API GL-4  
 SCANIA with ZF-Retarder  
 ZF TE-ML 02D  
 (prolonged oil change intervals)

Unimog (MB-Approval  
 235.4 Niveau)  
 Voith Retarder  
 DAF  
 MAN 341 Type Z-3  
 (prev. 341 Type TL)  
 MAN 341 Type E-3

**Modern synthetic gear oil** for mechanical transmissions in commercial vehicles and for prolonged change intervals up to 320.000 km according to the manufacturer's specifications.

#### Characteristics (typical figures):

Viscosity	at 40°C	mm <sup>2</sup> /s	62
	at 100°C	mm <sup>2</sup> /s	9,5
Viscosity index			129
Density at 15°C		kg/m <sup>3</sup>	876
Flash point o. C.		°C	225
Pourpoint		°C	-48

**AUTOL GETRIEBEÖL VSL-4** is a synthetic, various applicable fuel efficiency mechanical transmission oil with modern, good balanced additives with increased ranges of capacity.

This good co-ordination between synthetic base oil and additives ensures a stable, compression-proof lubricating film that improves the lubrication, prevents pitting at the gear wheels and meets the enormous requirements of high loaded commercial vehicle mechanical transmissions about the thermal stability and oxidation resistance.

Further important properties are the favourable foam behaviour, good compatibility with elastomers and outstanding load carrying capacity as well as the corrosion protection.

#### Applications:

**AUTOL GETRIEBEÖL VSL-4** is multigrade high-pressure gear oil for all-year application with good viscosity temperature behaviour.

It ensures an easy shifting of the synchronised commercial vehicle mechanical transmissions also at low temperatures and prolonged oil change intervals.

It is approved according to MAN 341 Type TL for prolonged oil change intervals up to 320.000 km and meets the requirements of Mercedes Benz and UNIMOG according to sheet 235.4.

Please observe the manufacturer's specifications when selecting products.