



# swd SYNKROL 5 LS

## SAE 85W90

## Special Gear Oil for Lamella Locking Differentials

### Description and Properties

swd SYNKROL 5 LS 85W90 is a highly developed special gear oil for axle transmissions, which are equipped with "Limited-Slip-Differentials".

swd SYNKROL 5 LS 85W90 meets the specifications of important constructors and due to its high quality level it assures optimal operation reliability and long lifetime of the aggregates to be lubricated. The essential benefits :

- outstanding oxidation stability
- extreme load-carrying capacity
- excellent anti-stick-slip characteristics
- enduring protection against corrosion and deposits
- special additivation for noise reduction

### Application

swd SYNKROL 5 LS 85W90 is used to lubricate axle gears with self locking differentials in motor vehicles and commercial cars, if a so called "LS-gear oil" is recommended by the constructor. Especially it is used in the agriculture and forestry and in the construction industry, but it is suitable in hypoid gears without locking differential as well.

### Qualification

- ❖ API GL-5 (+ LS)
- ❖ MIL-L-2105 D

❖ ZF TE-ML 05

### Typical Properties

swd SYNKROL 5 LS	unit	value	method
SAE - Classification		85W-90	
Density at 15°C	kg/m <sup>3</sup>	906	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	202	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	18,0	DIN 51 562
Flowability	°C	min. -12	
Pourpoint	°C	-27	DIN ISO 3016
Flash point	°C	216	DIN ISO 2592

**Article-No. : 32563**

Specification variations in these characteristics may occur.  
The instructions of manufacturer must be regarded.  
Further informations to be available by MSDS.

**Swd Lubricants GmbH & Co. KG**  
Am Schlütershof 26  
D-47059 Duisburg  
Phone: 0203 / 3191940  
Fax: 0203 / 3466540