



# swd SYNKROL 4.5 Synth SAE 75W90

## Fully Synthetic High Performance Gear Oil

### Description and Properties

swd SYNKROL 4.5 Synth. 75W90 is a fully synthetic high performance low friction gear oil for extremely loaded drive systems. The extraordinary shear stable formulation from high quality synthetic base oils and innovative additives leads to a performance level, which covers the extremely high requirements of the so called transaxle drives and still provides high power reserves. reserven abdeckt.

The essential benefits :

- good gear operation at low temperatures
- excellent cold flow properties
- distinctive wear protection under all operation conditions
- good synchron suitability
- high aging stability

### Application

swd SYNKROL 4.5 Synth. 75W90 is suitable for many manual gears, transaxle gears and hypoid axles, if gear oils according GL-4 or GL-5 are required.

### Qualification

- |                   |                               |
|-------------------|-------------------------------|
| ❖ API GL-4        | ❖ MAN 3343 SL                 |
| ❖ API GL-5        | ❖ Scania STO 1:0              |
| ❖ MIL-PRF- 2105 E | ❖ ZF TE-ML 02B, 05B, 08A, 12B |

### Typical Properties

swd SYNKROL 4.5 Synth	unit	value	method
SAE - Classification		75W-90	
Density at 15°C	kg/m <sup>3</sup>	868	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	102	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	14,8	DIN 51 562
Viscosity Index		151	DIN ISO 2909
Pourpoint	°C	-51	DIN ISO 3016
Flash point	°C	190	DIN ISO 2592

**Article-No. : 30645 & 32645**

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

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