



swd SYNKROL 4

SAE 80W, 80W90, 85W90 & 85W140

Multifunctional EP-gear oil for motor vehicles

Product Description

swd SYNKROL 4 - gear oils are designed to be used in synchronised and non-synchronised manual transmissions. Furthermore they are applicable for the lubrication of certain steering transmissions and transaxles.

Application

swd SYNKROL 4 - gear oils are especially recommended for the use in manual transmissions of motor vehicles and processing machines. Because of the good load-carrying capacity and depending on manufacturer's instruction they are also useable in transaxles and steering gears.

Properties

swd SYNKROL 4 - gear oils assure poor in wear transmission of high torques, even at changing speeds. Also at extreme flank pressures metal contact or even scuffing are effectively prevented. Further benefits :

- good cold flow properties
- high aging stability
- low foaming tendency
- high shear stability
- assured corrosion protection
- elastomer compatibility

Qualification

- ❖ API GL-4
- ❖ MB 235.1
- ❖ ZF TE-ML 02, 08
- ❖ MIL-L-2105
- ❖ MAN 341

Typical Properties

swd SYNKROL 4	unit	value				method
SAE - Classification		80W	80W90	85W90	85W140	
Density at 15°C	kg/m ³	888	900	900	908	DIN 51 757
Viscosity at 40°C	mm ² /s	91	152	198	430	DIN 51 562
Viscosity at 100°C	mm ² /s	11,2	16,1	18,0	29,0	DIN 51 562
Pourpoint	°C	-30	-33	-24	-18	DIN ISO 3016
Flash point	°C	205	222	219	228	DIN ISO 2592
FZG-test A/16,6/90 damage loading step		>12	>12	>12	>12	DIN 51 354

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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