



# Swd Rheinol FAVORIT LSCK

## SAE 5W-30

### HIGH PERFORMANCE, FULLY SYNTHETIC MOTOR OIL FOR EURO 5- and EURO 6- COMMERCIAL ENGINES

#### Description & Application

**Swd Rheinol FAVORIT LSCK 5W-30** is a high performance, fully synthetic motor oil which assures top performance at the quality criterions wear protection and friction reduction, detergency & dispersancy, corrosion prevention, viscosity temperature dependency, thermal oxidative stability, low evaporation tendency, good elastomer compatibility and few environmental impact.

**Swd Rheinol FAVORIT LSCK 5W-30** creates with its low limit values for sulfate ash, sulfur and phosphorus content (low SAP's) one of the foundations for the trouble-free functioning of downstream exhaust gas treatment systems (soot filters).

**Swd Rheinol FAVORIT LSCK 5W-30** ensures turbo charged diesel engines extremely extended drain intervals, excellent motor cleanliness, very good cold starting and warmup performance even at lowest temperatures, outstanding aging resistance, reliable lubrication under all operation conditions and reduced pollution of noxious matter caused by the lubricant.

#### Specifications / Recommendations

ACEA E4 / E7 / E8 / E11	MTU Type 3.1 und 2.1
API CK-4	Renault RLD-4
CAT ECF-3	Scania LDF 4
Cummins CES 20081 / CES 20086	Voith Retarder Class B
DAF PSQL 2.1 E LD	
Detroit Diesel DDC 93K218 / 93K222	
Deutz DQC IV-18 LA	
JASO DH-2 / DH-1 / DL-0	
MAN M 3477 / M 3775 / M 3271-1	
MB 228.52 / 228.51 / 228.31 / 235.28	

#### Approvals

Mack EOS- 4.5  
Volvo VDS-4.5  
Renault VI RLD-3  
MAN M 3677/ M3777

#### Typical properties

Swd Rheinol FAVORIT LSCK SAE 5W-30	unit	value	method
Density at 15°C	kg/m <sup>3</sup>	858	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	70,7	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	11,8	DIN 51 562
Viscosity Index		163	DIN ISO 2909
CCS at -30°C	mPa.s	6540	DIN 51 377
Pourpoint	°C	-41	DIN ISO 3016
Flashpoint	°C	226	DIN ISO 2592
TBN	mg KOH/g	10,1	DIN ISO 3771
Sulphated ash	mass. %	0,9	DIN 51 575
Sulphur	mass. %	0,25	
Phosphorus	mass. %	0,08	

**Article-No. : 31029**

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

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