



# Swd Rheinol Favorit MSCK

## SAE 15W-40

### Semi Synthetic High Performance Low Friction Oil of the latest generation

#### Description & Application

**Swd Rheinol FAVORIT MSCK SAE 15W-40** is a high-performance engine oil based on the newest additive technology, matched with special base oils. It was developed for the latest generation of low-emission engines and provides excellent fuel economy.

Due to the low sulfur, phosphate and ash content as well as the outstanding oxidation and shear stability, it is used in modern truck engines.

**Swd Rheinol FAVORIT MSCK SAE 15W-40** is used as SHPD oil in engines with and without particulate filter and catalytic converter. It meets the special requirements of Low SAPS technology and is reliable in terms of cold start behavior and lubricity at high temperatures.

**Swd Rheinol FAVORIT MSCK SAE 15W-40** complies with the current API CK-4 and is excellently suited for use in EURO 2, EURO 3, EURO 4, EURO 5 und EURO 6 engines in combination with diesel fuel up to 500ppm sulfur content.

#### Specifications / Recommendations

ACEA E9  
API CK-4 / SN  
CAT ECF-3  
Cummins CES 20086  
Detroit Diesel DFS93K222

Deutz DQC-III-10LA  
Ford WSS-M2C171-F1  
MAN 3575 und 3275  
Jaso DH-2  
Allison TES 439

#### Approvals

Volvo VDS-4.5  
Mack EOS-4.5  
Renault VI RLD-3  
MB-Approval 228.31

#### Typical Properties

Swd Rheinol Favorit MSCK SAE 15W-40	unit	value	method
Density at 15°C	kg/m³	857	DIN 51 757
Viscosity at 40°C	mm²/s	90,7	DIN 51 562
Viscosity at 100°C	mm²/s	14,4	DIN 51 562
Viscosity Index		165	DIN ISO 2909
CCS at -20°C	mPa.s	6020	DIN 51 377
Pourpoint	°C	-39	DIN ISO 3016
Flashpoint	°C	236	DIN ISO 2592
TBN	mg KOH/g	10,2	DIN ISO 3771
Sulphated ash	mass. %	0,95	DIN 51 575
Sulphur	mass. %	0,36	
Phosphorus	mass. %	0,11	

Article-No. : 31022

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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