



Swd Rheinol Promotol FD

SAE 15W-40 & SAE 20W-50

Multigrade Engine Oils

Properties

Swd Rheinol Promotol FD 15W-40 and **-20W-50** - engine oils are produced with mineral base stocks and selected additives. The dispersancy provides a clean engine and prevents sludge built-up. Additionally the additives assure protection against thermal oxidation, corrosion and wear.

Swd Rheinol Promotol FD 15W-40 and **-20W-50** are economical crankcase oils, and they may be used for passenger cars gasoline and diesel engines as well. They are providing performance reserves even at high loading and care for long engine life.

The good viscosity temperature dependency and the multigrade properties assure the all seasons use at moderate (SAE 15W-40) resp. warm (SAE 20W-50) climate.

Qualification

- ❖ API SF / CD

Typical Values

Swd Rheinol Promotol FD	unit	value		method
		15W-40	20W-50	
SAE - Classification		15W-40	20W-50	
Density at 15°C	kg/m ³	882	889	DIN 51 757
Kinematic viscosity at 40°C	mm ² /s	103	155	DIN 51 562
Kinematic viscosity at 100°C	mm ² /s	14,0	17,8	DIN 51 562
Viscosity index		139	127	DIN ISO 2909
Dynamic viscosity at -20°C	mPa.s	6500	-	DIN 51 377
Dynamic viscosity at -15°C	mPa.s	-	7650	DIN 51 377
Pourpoint	°C	-33	-24	DIN ISO 3016
Flash point	°C	222	226	DIN ISO 2592
TBN	mg KOH/g	7,0	4,5	DIN ISO 3771
Article-Number :		31416	31421	

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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