



swd PROMOTOL FD

10W-30 & 10W-40

Fuel Economy Multigrade Oil

Properties

swd Promotol FD 10W-30 und - **10W-40** are produced from oils of the synthesis technology and from mineral base stocks. A modern additive package assures cleanliness of the motor and provides dispersency properties and protection against corrosion and wear. Additionally the thermal stability contributes to the prevention of deposits and sludge built-up.

swd Promotol FD 10W-30 und - **10W-40** are used in gasoline and diesel engines of passenger cars. They have especially stood in the test under severe winter conditions and they assure the trouble-free use down to -25°C. Good cold-starting properties are naturally. Because of the good temperature-viscosity-properties the oils are foreseen to be used all seasons. Their fuel economy properties contribute to the reduction of fuel consumption.

Qualification

- ❖ API SF / CD

Typical Values

swd PROMOTOL FD	unit	value		method
		10W-30	10W-40	
SAE - Classification		10W-30	10W-40	
Density at 15°C	kg/m ³	870	869	DIN 51 757
Kinematic viscosity at 40°C	mm ² /s	64,1	87,9	DIN 51 562
Kinematic viscosity at 100°C	mm ² /s	10,2	13,2	DIN 51 562
Viscosity index		145	150	DIN ISO 2909
Dynamic viscosity at -25°C	mPa.s	4720	5900	ASTM D5293
Pourpoint	°C	-39	-36	DIN ISO 3016
Flash point	°C	232	226	DIN ISO 2592
TBN	mg KOH/g	5,5	5,5	DIN ISO 3771
Article-Number :		31401	31411	

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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