

# swd EXPERT UHPD

## 10W-40

### HIGH PERFORMANCE OIL FOR EURO-III-COMMERCIAL CAR ENGINES

#### Product Description

swd EXPERT UHPD 10W-40 is a High Performance Fuel Economy Oil, which satisfies outstandingly the extensive tribological requirements of the new Euro-III- commercial car engine generation. This HighTech product of the SAE class 10W40 is an unexcelled UHPD (Ultra High Performance Diesel) - fuel economy oil. It is formulated from high quality mineralic and synthetic base oils, combined with a big amount of high performance additives.

swd EXPERT UHPD 10W-40 assures top performance in the quality criterions wear protection and friction reduction, detergent- and dispersant effect, corrosion protection, viscosity-temperature-behavior, termical oxidation stability, low evaporation tendency, as well as elastomere compatibility and environmental impact.

swd EXPERT UHPD 10W-40 assures to Euro-III-Turbo-diesel engines at extremely extended drain intervals excellent motor cleanliness, very good cold-starting and warm up performance, even at lowest temperatures, outstanding aging stability with assured lubrication at all operating conditions, and reduction of harmful eUHPD dust gases conditional on the lubricant.

swd EXPERT UHPD 10W-40 meets and exceeds the requirements of well-known commercial car manufacturers.

#### Qualification

- ACEA E4
- API CF
- Volvo VDS-2
- MB-Blatt 228.5
- MAN M 3277
- Scania Scania
- MTU Type 3
- MACK EO-L
- IVECO

#### Typical Properties

swd EXPERT UHPD 10W-40	unit	value	method
Density at 15°C	kg/m <sup>3</sup>	876	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	107,5	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	14,5	DIN 51 562
Viscosity Index		138	DIN ISO 2909
CCS at -25°C	mPa.s	6200	ASTM D5293
Pourpoint	°C	-39	DIN ISO 3016
Flashpoint	°C	220	DIN ISO 2592
TBN	mg KOH/g	11,9	DIN ISO 3771
<b>Article-No. :</b>		<b>30010</b>	

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

**Swd Lubricants GmbH & Co. KG**  
Am Schlütershof 26  
D-47059 Duisburg  
Phone: 0203 / 3191940  
Fax: 0203 / 3466540