

# swd KOMPAROL MF 15W-40

## Maximum Performance Multigrade Motor Oil

### Product Description

swd KOMPAROL MF 15W-40 is a high performance motor oil for modern heavily stressed diesel engines inclusive turbo charger. Because of its outstanding additive technology it also comes up to the most severe requirements of gasoline engines. This makes it being excellent provider for mixed-fleet.

swd KOMPAROL MF 15W-40 gives following advantages:

- excellent thermal/oxidative stability reduces sludge built-up und deposits.
- allows maximum oil drain intervals by highest TBN-reserve.
- minimizes efficiently bore polishing.
- reduces oil aging, even at high temperatures.
- best seal and elastomer compatibility
- an all-seasons oil for mixed-fleet.

swd KOMPAROL MF 15W-40 is especially recommended for fleets operating in severe on and off-highway service applications.

### Qualification

- |                      |                                     |
|----------------------|-------------------------------------|
| ❖ ACEA E7, B4, A3    | ❖ Volvo VDS-3                       |
| ❖ API CI-4, CF / SL  | ❖ MB-page 228.3 & 229.1             |
| ❖ Global DHD-1       | ❖ MAN M 3275                        |
| ❖ VW 501.01 / 505.00 | ❖ Renault RLD                       |
| ❖ MTU Type 2         | ❖ ZF TE-ML 07C                      |
| ❖ Mack EO-M Plus     | ❖ Cummins CES 20071 / 2 / 6 / 7 / 8 |
| ❖ Caterpillar ECF-1  |                                     |

### Typical Properties

swd KOMPAROL MF 15W-40	unit	value	method
Density at 15°C	kg/m <sup>3</sup>	882	DIN 51 757
Viscosity at 40°C	mm <sup>2</sup> /s	105	DIN 51 562
Viscosity at 100°C	mm <sup>2</sup> /s	14,0	DIN 51 562
Viscosity Index		136	DIN ISO 2909
CCS at -20°C	mPa.s	6650	DIN 51 377
Pourpoint	°C	-42	DIN ISO 3016
Flashpoint	°C	222	DIN ISO 2592
TBN	mg KOH/g	10,3	DIN ISO 3771

**Article-Number :** 31333

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  
Tel.: 0203 / 3191940  
Fax: 0203 / 3466540