



# Swd Rheinol Primus Guardian SAE 10W-40

## High Performance Low Friction Motor Oil for Passenger Cars

### Description and Properties

**Swd Rheinol Primus Guardian 10W-40** as a low friction motor oil is recommended for use in passenger cars gasoline and diesel engines. It is produced by blending a special solvent base stock with polymers and additives of most progressive technology.

**Swd Rheinol Primus Guardian 10W-40** meets severe European ACEA performance requirements, reassuring the user of all-round protection throughout the vehicles life.

**Swd Rheinol Primus Guardian 10W-40** is characterised by a very good cold start performance and low evaporation loss, which both make a contribution to reduced consumption of fuel and oil. Because of its extended viscosity range the annual turnover is possible. Excellent thermal and oxidative stability, combined with high dispersancy control sludge build-up and deposits and keep engine clean, which allows development of full engine performance. The optimal wear protection cares for long engine life.

### Specifications / Recommendations

ACEA A3 / B4  
API SP / CF

### Typical Properties

| Swd Rheinol Primus Guardian | unit               | value | method       |
|-----------------------------|--------------------|-------|--------------|
| Density at 15°C             | kg/m <sup>3</sup>  | 863   | DIN 51 757   |
| Viscosity at 40°C           | mm <sup>2</sup> /s | 108   | DIN 51 562   |
| Viscosity at 100°C          | mm <sup>2</sup> /s | 16,27 | DIN 51 562   |
| Viscosity Index             |                    | 162   | DIN ISO 2909 |
| CCS at -25°C                | mPa.s              | 6500  | DIN 51 377   |
| Pourpoint                   | °C                 | -45   | DIN ISO 3016 |
| Flashpoint                  | °C                 | 230   | DIN ISO 2592 |
| TBN                         | mg KOH/g           | 12,4  | DIN ISO 3771 |

**Article-Number :** 31144

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

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