

## HIGHTEC SYNT RS LONGLIFE IV SAE 0W-20

Synthetic high-performance engine oil with optimised temperature-viscosity characteristics. Specially developed for modern petrol or diesel car engines with exhaust aftertreatment system, inc. extended maintenance interval, with or without turbocharging.

### Description

HIGHTEC SYNT RS LONGLIFE IV SAE 0W-20 is a high performance optimised viscosity engine oil based on fully synthetic PAOs (poly-alpha-olefins) and HC synthetic base oils. The outstanding performance level of this engine oil is a result of the optimum combination of these base oils with the additives specially developed for this application.



### Application

HIGHTEC SYNT RS LONGLIFE IV SAE 0W-20 was specially developed for the current Volkswagen standard VW 508 00 / 509 00. This makes it excellently suited for all vehicles requiring one of the specifications mentioned in SAE viscosity class 0W-20. HIGHTEC SYNT RS LONGLIFE IV SAE 0W-20 guarantees lasting premium wear protection for the engine along with optimised fuel economy and sustained engine cleanliness. In addition to all this, HIGHTEC SYNT RS LONGLIFE IV SAE 0W-20 exceeds Volkswagen's strict requirements in all prescribed engine tests.

### Approvals

- Porsche C20
- VW 508 00/509 00

### Equivalent quality in accordance with EU-law as per

- ACEA C5
- Ford WSS-M2C956-A1

### This product is also recommended when the following filling instructions are required

- ACEA A1/B1

### Advantages

- excellently suited for extended maintenance intervals
- lowered HTHS viscosity for maximum fuel savings
- Highest oxidation stability due to a special base oil composition made of HC synthetic and fully synthetic PAO base oils
- typical VW Blue Oil coloration to avoid confusion and mix-ups
- the lowest SAE viscosity grade (SAE 0W) ensures the best possible cold-start properties and rapid lubrication of the engine
- a stable lubricating film even at high oil temperatures and extreme loads means the highest possible protection against wear
- excellently suited for turbo engines
- sustainable and safe additive technology for future motor generations
- reliably prevents sticking, lacquer and carbon formation on cylinders, pistons, valves, turbo-chargers,
- low oil consumption, thanks to very low loss by vaporisation
- miscible and compatible with both conventional and synthetic motor oils. In order to exploit the full product benefits of HIGHTEC SYNT RS LONGLIFE IV SAE 0W-20, however, a complete oil change is recommended.

ROWE MINERALÖLWERK GMBH  
Langgewann 101, D-67547 Worms



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## Typical characteristics

| Property                   | Method                      | Unit               | Value       |
|----------------------------|-----------------------------|--------------------|-------------|
| Density at 15 °C           | ASTM D-7042                 | g/ml               | 0.84        |
| Kinematic viscosity KV 100 | ASTM D-7042                 | mm <sup>2</sup> /s | 8,4         |
| Kinematic viscosity KV 40  | ASTM D-7042                 | mm <sup>2</sup> /s | 45          |
| Viscosity index            | ASTM D2270                  | -                  | 165         |
| Pour point                 | ASTM D-97 / DIN EN ISO 3016 | °C                 | -42         |
| CCS                        | ASTM D-5293                 | cP @ °C            | 5670 @ -35  |
| Total base number          | DIN 51639-1                 | mgKOH/g            | 8,8         |
| HTHS                       | ASTM D4683                  | mPas               | min. 2,6    |
| Color                      |                             | visual             | blau / blue |

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply ([www.rowe-oil.com](http://www.rowe-oil.com)).

