

# CHAMPION OEM SPECIFIC 0W20 LL FE

This is a full synthetic lubricant mandatory for the newest engines of VW/Audi. It is developed to prolong the life and maintain the efficiency of emission systems. It is also designed to provide outstanding engine cleanliness, wear protection and strong durability to keep your engine running like new. A substantial fuel saving is reached through the use of the ultra low 0W20 viscosity grade.

## APPLICATIONS

This product is developed for mandatory use in the newest 2.0 TFSI 140 kW and 3.0 TDI CR 160 kW engines of VW and Audi which require the VW specification 508 00 and 509 00.

## FEATURES

Total engine protection: performance in keeping the engine clean

Fuel economy: superior fuel economy and CO<sub>2</sub> reduction

Cold start: excellent fluidity at low temperature

## SPECIFICATIONS

|             |         |                |                        |
|-------------|---------|----------------|------------------------|
| <b>ACEA</b> | C5      | <b>ILSAC</b>   | GF-6 A                 |
| <b>ACEA</b> | C6      | <b>FORD</b>    | WSS-M2C956-A1          |
| <b>API</b>  | SN Plus | <b>PORSCHE</b> | approval C20           |
| <b>API</b>  | SP      | <b>VW</b>      | approval 508 00/509 00 |
| <b>API</b>  | SP/RC   | <b>VW</b>      | TL 52 577              |

## TYPICAL CHARACTERISTICS

| Test                         | Method     | Unit               | Average results |
|------------------------------|------------|--------------------|-----------------|
| Density at 15°C              | ASTM D4052 | g/ml               | 0.843           |
| Kinematic viscosity at 40°C  | ASTM D445  | mm <sup>2</sup> /s | 40.2            |
| Kinematic viscosity at 100°C | ASTM D445  | mm <sup>2</sup> /s | 8.2             |
| Viscosity index              | ASTM D2270 |                    | 184             |
| B.N. [HCL04 method]          | ASTM D2896 | mg KOH/g           | 8.3             |
| Pour point                   | ASTM D6892 | °C                 | -51             |
| Sulfated Ash                 | ASTM D874  | Mass %             | 0.79            |
| Flash Point COC              | ASTM D92   | °C                 | 235             |
| Colour                       | VISUAL     |                    | GREEN           |
| CCS viscosity at -35°C       | ASTM D5293 | mPa.s              | 3500            |

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

### CHAMPION CHEMICALS NV

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