

# CHAMPION OEM LEVEL 5W40 PI C3

*This full synthetic lubricant meets the demanding requirements of the VW 505.01 specification in terms of resistance to oxidation, oil thickening and the formation of sludge in the engine. It is a Mid SAPS oil providing reliable protection of after-treatment devices and Diesel Particulate Filters. This product may not be available in your region. Please, consult your local sales contact for more information.*

## APPLICATIONS

*Specifically recommended for the lubrication of all TDI engines with pump injectors and for Common Rail turbodiesel engines.*

## FEATURES

*Aftertreatment protection: full aftertreatment system protection.*

*Total engine protection: outstanding engine cleanliness and durability.*

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

## SPECIFICATIONS

|             |              |                |         |
|-------------|--------------|----------------|---------|
| <b>ACEA</b> | C3           | <b>MB</b>      | 229.31  |
| <b>API</b>  | CF           | <b>MB</b>      | 229.51  |
| <b>BMW</b>  | LONGLIFE-04  | <b>PORSCHE</b> | A40     |
| <b>FIAT</b> | 9.55535-GH2  | <b>RENAULT</b> | RN 0700 |
| <b>FIAT</b> | 9.55535-S2   | <b>RENAULT</b> | RN 0710 |
| <b>FORD</b> | WSS-M2C917-A | <b>VW</b>      | 502 00  |
| <b>GM</b>   | dexos2™      | <b>VW</b>      | 505 00  |
| <b>MB</b>   | 226.5        | <b>VW</b>      | 505 01  |

## TYPICAL CHARACTERISTICS

| Test                         | Method     | Unit               | Average results |
|------------------------------|------------|--------------------|-----------------|
| Density at 15°C              | ASTM D4052 | g/ml               | 0.850           |
| Kinematic viscosity at 40°C  | ASTM D445  | mm <sup>2</sup> /s | 84.5            |
| Kinematic viscosity at 100°C | ASTM D445  | mm <sup>2</sup> /s | 13.8            |
| Viscosity index              | ASTM D2270 |                    | 168             |
| B.N. (HCL04 method)          | ASTM D2896 | mg KOH/g           | 7.6             |
| Pour point                   | ASTM D6892 | °C                 | -39             |
| CCS viscosity at -30°C       | ASTM D5293 | mPa.s              | 6000            |
| Sulfated Ash                 | ASTM D874  | Mass %             | 0.8             |
| Flash Point COC              | ASTM D92   | °C                 | 230             |

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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