



Gulf TEC Plus Passenger Car Motor Oil

Product Description

Gulf TEC Plus is high performance semi-synthetic passenger car motor oil designed to provide optimum performance in high-output, multi valve, turbocharged & supercharged gasoline and diesel engines of passenger cars, vans, SUVs and light trucks. The advanced additive technology incorporated in this oil enables it to exceed the stringent performance requirements of leading passenger car manufacturers' and global industry standards. SAE 5W-40 grade is exclusively developed to meet the requirements of Volkswagen standard VW 505 01 and is recommended for use in direct injection diesel engines equipped with pump injectors.

Features & Benefits

- Superior thermo-oxidative stability minimises deposits & sludge build-up and reduces oil thickening, thereby facilitating extended oil life and the active cleaning agents ensure engine cleanliness
- Excellent antiwear technology minimise engine wear and thereby reduce maintenance cost
- Superior dispersants provide excellent control over soot induced oil thickening
- Advanced additive chemistry used in SAE 5W-40 grade increases the life and maintains the efficiency of the after treatment devices
- Good low temperature fluidity assists in easy cold starts

Applications

- Recommended for modern high performance, multi valve, turbocharged & supercharged engines of passenger cars, vans, SUVs & light trucks for arduous conditions such as city stop-and-go, high-speed and/or high load and requiring API SL/CF quality oils
- SAE 5W-40 grade is specially developed to meet the requirements of VW 505 01 and is recommended for direct injection diesel engines equipped with pump injectors
- SAE 10W-40 grade is recommended for the latest European high performance gasoline and direct injection diesel engines of passenger cars and vans & light trucks.

Specifications, Approvals & Typical Properties

| Specifications | | 5W-40 | 10W-30 | 10W-40 | 15W-40 | 20W-40 | 15W-50 | 20W-50 |
|-------------------------|-------------|----------------|--------|--------|--------|--------|--------|--------|
| Daimler MB 229.1 | | | X | X | X | X | X | X |
| VW 505 01 | | X | | | | | | |
| VW 505 00 | | X | | | X | | X | |
| Approvals | | | | | | | | |
| API SL | | | X | X | X | X | X | X |
| API SJ | | X | | | | | | |
| MB-Approval 229.1 | | | | X | | | | |
| Typical Properties | | | | | | | | |
| Test Parameters | ASTM Method | Typical Values | | | | | | |
| Viscosity @ 100 °C, cSt | D 445 | 14.50 | 12.0 | 14.50 | 13.9 | 13.7 | 19.0 | 17.5 |
| Viscosity Index | D 2270 | 162 | 142 | 152 | 138 | 110 | 151 | 122 |
| Flash Point, °C | D 92 | 224 | 218 | 234 | 220 | 240 | 220 | 224 |
| Pour Point, °C | D 97 | -42 | -39 | -33 | -27 | -24 | -27 | -24 |
| TBN, mg KOH/g | D 2896 | 9.70 | 8.2 | 8.0 | 8.0 | 8.2 | 8.0 | 8.0 |
| Density @ 15°C, Kg/l | D 1298 | 0.861 | 0.875 | 0.872 | 0.882 | 0.889 | 0.881 | 0.886 |
| Sulphated Ash, %wt | D 874 | 1.20 | - | 1.01 | 0.95 | - | 0.95 | 0.95 |

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

Gulf Oil International

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