



Gulf Formula ULE

Catalyst Compatible Passenger Car Motor Oil

Product Description

Gulf Formula ULE series are high performance, synthetic, ultra-low emission passenger car motor oils meeting mid SAPS (Sulphated Ash, Phosphorous & Sulphur) requirements. These oils have been exclusively developed to extend life and maintain efficiency of the after-treatment devices in passenger cars powered by both gasoline and diesel engines. It provides exceptional cleaning power and wear protection and minimises deposits in engine & turbocharger leading to superior overall performance. It exceeds the requirements of latest low emission oil specifications of leading car manufacturers like Daimler, VW, BMW and Porsche.

Features & Benefits

- Low ash content reduces particulate build-up in diesel particulate filters
- Outstanding thermo-oxidative stability reduces oil degradation and enables extended drain intervals
- Unique additive chemistry reduces soot related thickening and wear.
- Latest mid SAPS additive technology minimises poisoning of TWC (Three Way Catalyst) and prolongs life of after treatment devices used in latest passenger cars
- Active cleaning agents reduces piston deposits and sludge build-up facilitating extended engine life
- Excellent low temperature property aids cold start and protects against wear at start-up

Applications

- All gasoline and diesel engines in MB and Volkswagen cars meeting Euro 4 , Euro 5 & Euro 6 emission norms & requiring mid SAPS oils meeting MB 229.51 and VW 505 00 & 505 01 quality respectively.
- All BMW gasoline and diesel cars meeting Euro 4, Euro 5 & Euro 6 emission norms and fitted with particulate filters across the world especially in Europe.
- Suitable for Porsche vehicles where Porsche A40 type oil is recommended.
- Modern passenger cars, SUVs, light vans & trucks powered by both gasoline and diesel engines requiring API SN and ACEA C3 quality oils (SAE 5W-30 & SAE 5W-40).

Specifications, Approvals & Typical Properties

| Meets the following Specifications | | 0W-30 | 5W-30 | 5W-40 |
|------------------------------------|-------------|----------------|-------|-------|
| ACEA C3 | | | X | X |
| BMW Longlife-04 | | X | | |
| GM dexos2™ | | | X | |
| Porsche Oil Category "Porsche A40" | | | | X |
| Ford WSS-M2C917-A | | | | X |
| Has the following Approvals | | | | |
| API SN, Volkswagen 505 00,505 01 | | | X | X |
| MB-Approval 229.51 | | X | | X |
| Typical Properties | | | | |
| Test Parameters | ASTM Method | Typical Values | | |
| Viscosity @ 100 °C, cSt | D 445 | 11.5 | 11.8 | 13.0 |
| Viscosity Index | D 2270 | 170 | 167 | 174 |
| Flash Point, °C | D 92 | 228 | 236 | 220 |
| Pour Point, °C | D 97 | -39 | -39 | -33 |
| TBN, mg KOH/g | D 2896 | 7.4 | 7.3 | 7.4 |
| Density @ 15°C, Kg/l | D 1298 | 0.847 | 0.842 | 0.850 |
| Sulphated Ash, %wt | D 874 | 0.76 | 0.78 | 0.78 |
| Phosphorus, %wt | D 4047/ICP | 0.076 | 0.079 | 0.077 |
| Sulphur, %wt | D 129 | 0.2 | 0.2 | 0.2 |

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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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