



Gulf Ultrasynt^X

Synthetic Energy Conserving Motor Oil

Product Description

Gulf Ultrasynt^X series is advance passenger car motor oil specially developed for the most modern high output gasoline and turbocharged gasoline engines in passenger cars, sport utility vehicles, vans, and light-duty trucks. These oils provide excellent protection against wear, deposits & sludge build-up and help protect engines even while operating on ethanol-containing fuels up to E85. All the viscosity grades meet the highest API quality recommended for the latest gasoline powered vehicles, API SN and SAE 0W-20, 0W-30, 5W-20, 5W-30 and SAE 10W-30 also meet API SN with "Resource Conserving" designation and ILSAC GF-5. These grades are formulated to help improve & retain fuel economy and protect vehicle emission system & turbocharger components.

Features & Benefits

- State of the art additive technology coupled with premium base fluids makes these oils very robust in terms of improving sludge protection, piston cleanliness, turbo-charger protection, seal compatibility, wear protection and compatible with ethanol-containing fuels up to E85.
- Offer excellent lubrication at low temperatures and protect engine at high temperatures.
- The Special friction modifiers used in the Resource Conserving oils improve & retain fuel economy.
- Superior volatility characteristics reduce oil consumption and hydro-carbon pollution.
- Advanced additive chemistry helps in emission system durability.
- These grades are compatible with conventional passenger car motor oils.

Applications

- North American, European & Japanese high output gasoline engines in passenger cars, sport utility vehicles, vans, and light-duty trucks where GF-5 and / or API SN, API SM, API SL quality oils specified (all grades).
- Passenger cars and Light Duty Vehicles running on gasoline and ethanol-containing fuels up to E85.

Specifications, Approvals & Typical Properties

| Meets the following Specifications | | 0W-20 | 0W-30 | 0W-40 | 5W-20 | 5W-30 | 5W-40 | 5W-50 | 10W-30 | 10W-40 |
|--|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| API SN | | X | X | X | X | X | X | X | X | X |
| Has the Following Approvals | | | | | | | | | | |
| API SN | | X | X | X | X | X | | | X | X |
| API SN (Resource Conserving), ILSAC GF-5 | | X | X | | X | X | | | X | |
| Typical Properties | | | | | | | | | | |
| Test Parameters | ASTM Method | Typical Values | | | | | | | | |
| Viscosity @ 100 °C, cSt | D 445 | 8.9 | 10.4 | 15.1 | 8.6 | 10.3 | 15.3 | 20.6 | 10.2 | 15.3 |
| Viscosity Index | D 2270 | 174 | 178 | 185 | 165 | 160 | 172 | 181 | 151 | 159 |
| Flash Point, °C | D 92 | 220 | 222 | 201 | 230 | 232 | 210 | 210 | 242 | 201 |
| Pour Point, °C | D 97 | -36 | -48 | -48 | -36 | -36 | -42 | -43 | -33 | -39 |
| TBN, mg KOH/g | D 2896 | 7.1 | 7.9 | 7.9 | 7.0 | 7.0 | 8.2 | 7.9 | 7.1 | 7.9 |
| Density @ 15°C, Kg/l | D 1298 | 0.851 | 0.851 | 0.849 | 0.850 | 0.852 | 0.855 | 0.853 | 0.854 | 0.853 |
| CCS, cP (°C) | D 5293 | 5890 (-35°C) | 5800 (-35°C) | 5608 (-35°C) | 3790 (-30°C) | 5320 (-30°C) | 6050 (-30°C) | 6116 (-30°C) | 3850 (-25°C) | 5570 (-25°C) |
| MRV, cP (°C) | D 4684 | 33500 (-40°C) | 30000 (-40°C) | 31054 (-40°C) | 12100 (-35°C) | 21800 (-35°C) | 45000 (-35°C) | 41001 (-35°C) | 12900 (-30°C) | 25978 (-30°C) |
| HTHS, cP | D 4683 | 2.68 | 3.0 | - | 2.62 | 3.00 | - | - | 2.98 | 4.0 |

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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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