



Multigear[®] RN Premium

High performance multigrade manual transmission fluid

Product description

Multigear RN Premium is a high performance SAE 75W-80 multigrade manual transmission fluid, specially designed for use in passenger car and van manual transmissions and transaxles.

A mild-EP formulation, Multigear RN Premium is a shear stable lubricant, with advanced synthetic base stocks combined with high performance additives, designed to promote highly effective system protection.

Customer benefits

- Shear stable viscosity improver promotes consistent fluid viscosity against the shear stresses present in modern transmissions, helping maintain oil film toughness and transmission protection throughout fluid service life
- Dependable EP performance aids critical protection against gear scuffing, pitting and wear, under arduous service conditions
- Robust fluid design promotes long-term bearing durability and service life
- Friction modifier, additives and fluid viscosity combination helps optimise synchroniser operation for light, easy gear shifts
- Mild-EP additives are non-corrosive to vulnerable copper alloy components
- Contributes robust and reliable rust and corrosion protection
- Oxidation stability resists in-service oil thickening and helps to keep transmissions clean and deposit-free
- Compatible with a wide range of elastomers, helping protect against fluid leakage through seal deterioration
- Good foam suppression

Product highlights

- **Synthetic lubrication technology**
- **Offers system protection throughout fluid service life**
- **Aids critical protection against gear scuffing, pitting and wear**
- **Promotes long-term bearing service life**
- **Helps optimise synchronisers for light, easy gear shifts**

Selected specification standards include:

API

Applications

- Multigear RN Premium is specifically designed around the demands of the P series 6-speed manual transmissions used in Renault, Nissan and Opel vehicles (Renault Laguna, Vel Satis, Espace, Trafic, Master; Nissan Primastar, Interstar; Opel Vivaro, Movano)
- Meeting these demands means that Multigear RN Premium is also suitable for use in manual transmissions and transaxles fitted to other modern passenger cars and vans. Multigear RN Premium is also suitable for use in light-duty non-hypoid transfer boxes
- Although this fluid has the performance level API GL-4, the demands of passenger car and heavy duty transmissions are not exactly the same and it is recommended that a dedicated heavy duty gear oil such as Geartex EP-A or Multigear is used in heavy duty synchronized manual transmissions requiring an API GL-4 fluid. Multigear RN Premium should not be used in automotive transmissions, transaxles or differentials that require an API GL-5 gear lubricant

Approvals, performance and recommendations

Performance

- API GL-4 Performance level

| Typical test data | | |
|---|--------------|---------|
| Test | Test methods | Results |
| Viscosity Grade | | 75W-80 |
| Product Code | | 30691 |
| Density, 15°C, kg/l | ASTM D4053 | 0.854 |
| Flash Point COC, °C | ASTM D92 | 214 |
| Pour Point, °C | ASTM D5950 | -48 |
| Viscosity, Kinematic, 100°C, mm ² /s | ASTM D445 | 8.9 |
| Viscosity, Kinematic, 40°C, mm ² /s | ASTM D445 | 47 |
| Viscosity, Kinematic, -10°C, mm ² /s | ASTM D445 | 800 |
| Viscosity, Brookfield, -40°C, mPa.s | ASTM D2983 | 25,000 |
| Viscosity Index | ASTM D2270 | 180 |

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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