

COFRAN PLURAPOID EP SAE 80W-90

Ultra High Performance gear oil for manual transmissions and hypoid axles. Suitable for extended oil drain intervals.

Description

COFRAN PLURAPOID EP SAE 80W-90 is an Ultra High Performance gear oil based on selected base oils and an improved additive technology. The special formulation of COFRAN PLURAPOID EP SAE 80W-90 offers enhanced oxidation stability for extended drain intervals, optimised wear protection for excellent hardware protection and an outstanding friction performance for a superior shifting behaviour throughout the drain interval. At the same time, it offers very good compatibility with elastomers and synchroniser materials. Extended oil drain intervals can be achieved according to the manufacturer's recommendations.

Application

COFRAN PLURAPOID EP SAE 80W-90 was designed for multifunctional use in transmissions and axles. It is mainly used if API GL-4/GL-5 is required. COFRAN PLURAPOID EP SAE 80W-90 is suitable for synchronised and non-synchronised transmissions.

COFRAN PLURAPOID EP SAE 80W-90 is miscible and compatible with conventional, branded gear oils. However, mixing with other gear oils should be avoided in order to fully exhaust this product's benefits. A complete oil drain is recommended before converting to COFRAN PLURAPOID EP SAE 80W-90. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages

- Optimised cold flow properties for improved shifting, lubrication and wear protection with cold oil.
- Stable lubricating film even with very hot oil and/or very high loads.
- Maintains viscosity throughout the oil drain interval because of its excellent shear stability.
- Very good wear protection.
- Very good corrosion protection and compatibility with non-ferrous metals.
- Compatible with synchroniser materials.

Specifications

- API GL-4/GL-5

Recommendations

- EvoBus 26.000-025
- MAN 342 TYPE M2
- MIL-L-2105 D
- NH 520A
- VOLVO 97310
- STEYR B-101
- ZF TE-ML 05A, 12E, 17B, 19B, 21A

Product Information



TYPICAL CHARACTERISTICS

| | | |
|------------------------------|-------------|------------|
| SAE class | SAE J306 | 80W-90 |
| Density at 15°C | DIN 51757 | 0.895 g/ml |
| Kinematic Viscosity at 40°C | ASTM D 445 | 134 mm²/s |
| Kinematic Viscosity at 100°C | ASTM D 445 | 14.4 mm²/s |
| Viscosity Index | ASTM D 2270 | 106 |
| Pour point | ASTM D 7346 | -27 °C |
| Product coloring | DIN 10964 | None |

Product Information



In all cases, to limit the risk of water contamination (including condensation), store drums and barrels horizontally. Do not expose packaging to strong sunlight or extreme temperatures. The information contained in this data sheet is based on FLF's experience and know-how in the development and manufacture of lubricants and other chemical products to the best of our knowledge. All chemical products must be used in the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). The performance of our products can be influenced by a range of factors, including conditions of use, application methods, operating environment, pre-treatment of components, possible external contamination, etc. For these reasons, a universal recommendation of our products is impossible. The information given in the data sheet represents general, non-binding guidelines and is provided for guidance only. No warranty, express or implied, is given concerning the properties of the product or its suitability for a given application. We therefore recommend consulting an application engineer to discuss application conditions and product performance criteria prior to use. It is the user's responsibility to test the functional suitability of the product and to use it under the appropriate safety conditions. Our products are subject to continuous improvement, with the aim of enhancing performance or bringing them into line with any new regulations. We reserve the right to modify our product ranges, our products and their manufacturing processes, as well as all the provisions of our publications, at any time and without prior notice. This data sheet cancels and replaces all previous editions. We expressly draw the attention of all users to the fact that our product has not been designed and tested for use in the nuclear and aeronautical fields ("embedded" product). Any use of our product in the aforementioned sectors is the sole responsibility of the user. Reproduction in any form requires the prior written consent of FLF, all rights reserved.