

# Product Information



## COFRAN SINTOGEAR Z-02L SAE 75W-80

**Premium Performance gear oil for highly loaded manual or automatic transmissions in commercial vehicles. Especially developed for ZF Gearboxes. Reduces fuel consumption by improving transmission efficiency. Suitable for maximum oil drain intervals. Compatible with carbon and molybdenum synchronisers.**

### Description

COFRAN SINTOGEAR Z-02L SAE 75W-80 is an automated manual transmission fluid formulated with selected base oils; it was especially developed for use in ZF automated manual transmissions. This ensures superior oxidation and shear stability, an excellent temperature-viscosity behaviour as well as an outstanding wear and corrosion protection. At the same time, it offers excellent compatibility with elastomers and synchroniser materials. The unique formulation and low viscosity offer a high fuel economy. But it can be used in many other applications.

### Application

COFRAN SINTOGEAR Z-02L SAE 75W-80 was designed for use in both highly loaded manual or automated transmissions and hypoid gearboxes of commercial vehicles. It is mainly used if MAN 341 TYPE Z4, ZF TE-ML 01L, 02L is required. COFRAN SINTOGEAR Z-02L SAE 75W-80 is suitable for synchronised and non-synchronised transmissions. It is especially compatible with transmissions equipped with carbon and molybdenum synchronisers. Longest oil drain intervals can be achieved (up to 500.000 km) according to the manufacturer's recommendations. COFRAN SINTOGEAR Z-02L SAE 75W-80 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 SINTOGEAR Z-02L SAE 75W-80. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

### Advantages

- Excellent viscosity-temperature behaviour for an optimum lubrication at very low and very high operating temperatures.
- Significant fuel economy because of its very low viscosity and cold-temperature properties.
- Outstanding thermal and oxidation stability prevents oil thickening and deposits.
- Outstanding synchronising properties ensuring easy gear shifting even at very low temperatures.
- Compatible with synchroniser materials.
- Outstanding wear protection of bearings and gears even under toughest operating conditions.

### Specifications

- API GL-4

### Recommendations

- IVECO 18-1807 CLASSE MGS1
- MAN 341 TYPE E3 / Z3 / Z4 / Z5
- VOLVO 97305
- VOLVO 97307
- ZF TE-ML 01E, 01L, 02D, 02E, 02L, 08, 16K, 16P

# Product Information



## TYPICAL CHARACTERISTICS

Density at 15°C	DIN 51757	0.857 g/ml
SAE class	SAE J306	75W-80
Kinematic Viscosity at 40°C	DIN 51562-1	57.3 mm²/s
Kinematic Viscosity at 100°C	DIN 51562-1	9.8 mm²/s
Viscosity Index	DIN ISO 2909	157
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.