



# GEAR SYN G XL



## DESCRIPTION

GEAR SYN G XL is a premium performance manual transmission fluid formulated with an advanced antiwear and extreme pressure additive system that ideally matches the very high quality synthetic basestock to provide excellent shifting performance, low temperatures fluidity or/and high temperature viscosity retention in API GL-4 service level transmissions. Due to its superior thermal and oxidation stability properties, the transmission's lifecycle and service needs as well as prolonged drain intervals are ensured.

## APPLICATIONS

GEAR SYN G XL is ideal for commercial vehicles' synchronized or automated manual transmissions under severe operating conditions (in terms of speed, load or temperature variations). The oil is a well-suited MTF to meet ZF (manual synchromesh Ecolite, Ecomid and Ecosplit units with/without Intarder and automated manual transmissions AS-/TC-Tronic units with/without Intarder), DAF, MAN, Iveco, Renault, Eaton, etc. service-fill needs (up to 300,000km or 3 years drain intervals).

## CHARACTERISTICS-BENEFITS

| CHARACTERISTICS   | BENEFITS  |
|---|---|
| Extreme pressure enhancement and excellent load carrying performance.               | Excellent wear protection even in the most severe applications. |
| Resistance to oxidation at high temperatures developed during high speed operation. | Long drain capability.  |
| Excellent low temperature fluidity.   | Easy/smooth shifting and quick starts.                          |
| Enhanced protection from corrosion of copper and its alloys.                        | Synchronizer's lifecycle extension.                             |
| Extended service capability.  | Controlling maintenance and operating costs.                    |

## PHYSICAL-CHEMICAL CHARACTERISTICS

| GEAR SYN G XL                      | METHOD     | SAE 75W-80 |
|------------------------------------|------------|------------|
| Density at 15°C, g/cm <sup>3</sup> | ASTM D1298 | 0,854      |
| Viscosity, Kinematic (cSt) 40°C    | ASTM D445  | 55,5       |
| Viscosity, Kinematic (cSt) 100°C   | ASTM D445  | 9,5        |
| Viscosity index                    | ASTM D2270 | 155        |
| Flash point, COC, °C               | ASTM D92   | 222        |
| Pour point, °C                     | ASTM D97   | -42        |

The abovementioned characteristics represent mean values.

## SPECIFICATIONS

API GL-4; MAN 341 Type E-3, 341 Type Z-4; Volvo 97305; ZF TE-ML 01L, 02L, 08, 13, 16K  
Meets: Eaton Europe (300.000 km/3 years), DAF, IVECO, Renault Trucks (B0032/2 Annex 3)