

# SHIFT LD 75W80

## Description

Premium synthetic transmission fluid, designed for use in synchronized manual and automated transmissions of modern commercial vehicles, using ZF transmissions including those fitted with intarders. It offers excellent synchromesh performance, under high loads and high temperatures for long drain intervals. Ideal for mixed fleets.

## Application

Shift LD 75W80 meets the requirements of many commercial vehicle builders and/or gearbox manufacturers equipped with intarders or retarders.

## Operation Characteristics

- Protection of metal parts from rust and corrosion.
- Resistance to oxidation at high temperatures.
- Provides resistance against foaming.
- Excellent dispersion of lubricant on metal surfaces.
- Very good performance at low temperatures.
- Very good performance for long-term mechanical stress.

## Specifications, Approvals, Recommendations

API GL-4, MAN 341 E3/Z-4, ZF TE-ML 01L/02L/08/16K, Volvo 97305, Renault, Eaton, DAF, IVECO.

## Typical Physical Characteristics

|                                  | ASTM   | 75W-80 |
|----------------------------------|--------|--------|
| <b>SPECIFIC GRAVITY (kg/ltr)</b> | D 1298 | 0,868  |
| <b>VISCOSITY AT 40°C (cSt)</b>   | D 445  | 75,6   |
| <b>VISCOSITY AT 100°C (cSt)</b>  | D 445  | 10,9   |
| <b>VISCOSITY INDEX</b>           | D 2270 | 132    |
| <b>FLASH POINT (°C) min.</b>     | D 92   | 215    |
| <b>POUR POINT (°C)</b>           | D 97   | -36    |

*These are typical values. Small variation should be expected for future productions / blendings.*

## Health, Safety and Environmental Protection

It is unlikely to cause any significant problem to the health or safety of the user when used properly, according to the typical handling of lubricating and usual personal hygiene practices. The used lubricants must be recycled in accordance with applicable legislation and placed in approved collection points. Do not discharge into drains, soil or water / sea. Always follow the instructions of the safety data sheet.