



## RAVENOL ATF ZMS

**RAVENOL ATF ZMS** was developed with a high-quality synthetic base oil and a special selection of additives and inhibitors to produce excellent thermal and oxidation stability and adhesion factor performance. This guarantees the perfect functioning of the automatic transmission.

**RAVENOL ATF ZMS** demonstrates excellent flow properties at low temperatures.

**RAVENOL ATF ZMS** is a new generation ATF (Automatic-Transmission-Fluid) for ZF automatic transmissions of commercial vehicles. Guarantees maximum wear protection in every operating status.

**RAVENOL ATF ZMS** supports oil-change intervals up to 150,000 km, or a maximum of up to 3 years.

**RAVENOL ATF ZMS** enhances the reliability of older ZF transmissions, counters vibrations, ensures particularly soft gear changes as well as good driving comfort and also possesses friction-reducing properties.

**RAVENOL ATF ZMS** can contribute towards optimizing your servicing and operating costs by extending oil-change intervals. It is particularly recommended for applications with oil sump temperatures from 80°C up to 110°C according to ZF specification.

### **Application Notes**

**RAVENOL ATF ZMS** was specially developed for heavy-duty ZF automatic transmissions used in local and regional public transport systems. Extreme loads, such as e.g. demanding topography, stop-and-go traffic and frequent retarder operation are not a problem for **RAVENOL ATF ZMS**.

**RAVENOL ATF ZMS** can be mixed with all ATF types of the ZF lubricant list TE-ML 04D.

- Oil and filter change intervals for Ecomat transmissions in busses up to 150,000 km, or every 3 years.
- Oil and filter change intervals for Ecomat transmissions in trucks, construction machinery and special vehicles during normal use (fire engines, construction vehicles and dumpers with high driving distances) after 2000 h or every 2 years.
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