

CHAMPION OEM SPECIFIC

75W80 ZF

This is a full synthetic lubricant based on carefully selected very high quality base oils, which is recommended for the manual transmissions of most commercial vehicles. It is adapted to the requirements of synchromesh transmissions, procuring improved shift comfort, low temperature fluidity and longer service life.

APPLICATIONS

This product meets the requirements of many commercial vehicle builders and/or gearbox manufacturers, including DAF, IVECO, Eaton Europe (300.000 km or 3 years), Renault (in accordance with B0032/2 Annex 3) and Volvo.

FEATURES

Frictional properties: very smooth shift performance
Anti-wear protection: significantly extended transmission life
Extended oil life: excellent thermal and oxidation stability

SPECIFICATIONS

| | | | |
|----------------------|-------------------|----------------|--------------------|
| API | GL-4 | RENAULT | B0032/2 Annex 3 |
| DAF | MEET REQUIREMENTS | VOLVO | 97305 |
| DAIMLER TRUCK | DTFR 13B150 | VOLVO | 97307 |
| EATON | Extended drain | ZF | approval TE-ML 01L |
| FIAT | 9.55550-MZ10 | ZF | approval TE-ML 02L |
| IVECO | MEET REQUIREMENTS | ZF | approval TE-ML 16K |
| MAN | 341 E-3 | ZF | TE-ML 08 |
| MAN | 341 Z-4 | ZF | TE-ML 13 |
| MB | 235.4 | ZF | TE-ML 24A |

TYPICAL CHARACTERISTICS

| Test | Method | Unit | Average results |
|-------------------------------|------------|-------|-----------------|
| Density at 15°C | ASTM D4052 | g/ml | 0.856 |
| Kinematic viscosity at 40°C | ASTM D445 | mm²/s | 54.6 |
| Kinematic viscosity at 100°C | ASTM D445 | mm²/s | 9.43 |
| Viscosity index | ASTM D2270 | | 157 |
| Pour point | ASTM D6892 | °C | -42 |
| Brookfield viscosity at -40°C | ASTM D2983 | mPa.s | 80000 |
| Flash Point COC | ASTM D92 | °C | 234 |

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

CHAMPION CHEMICALS NV

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