



## RAVENOL TDG 75W-110



**VISCOSITY** 75W-110

**SPECIFICATIONS** API GL-4 | API GL-5 | MT-1

**FABRICATION** FULLY SYNTHETIC

**APPROVALS** ZF TE-ML 05A | ZF TE-ML 12N | ZF TE-ML 16F | ZF TE-ML 21A (ZF001438)

**RECOMMENDATIONS** DAF | MACK GO-J | MIL-PRF-2105E | SAE J2360 | MEETS THE REQUIEREMENT OF SCANIA STO 1:0 | ZF TE-ML 05B | ZF TE-ML 07A | ZF TE-ML 08 | ZF TE-ML 19C | ZF TE-ML 21B

### ART.-NR. 1221109

|        |             |
|--------|-------------|
| 1 L    | 1221109-001 |
| 4 L    | 1221109-004 |
| 10 L   | 1221109-010 |
| 20 L   | 1221109-020 |
| 60 L   | 1221109-060 |
| 60 L   | 1221109-D60 |
| 208 L  | 1221109-208 |
| 208 L  | 1221109-D28 |
| 1000 L | 1221109-700 |

**RAVENOL TDG 75W-110** is a fully synthetic "Total Drive Line" low viscosity transmission oil.

**RAVENOL TDG 75W-110** is designed based on synthetic base oils and specially coordinated additive treatment. This exceeds the needs of today's application requirements.

**RAVENOL TDG 75W-110** is oil is developed for manual transmissions and hypoid differentials in passenger cars, delivery vans and heavy trucks.

## Application Notes

**RAVENOL TDG 75W-110** is a universal gear oil developed for manual transmissions and hypoid differentials in passenger cars, delivery vans and heavy trucks.

This so called "Total Drive Line" oil is as universal product widely usable.

## Characteristics

**RAVENOL TDG 75W-110** offers:

- Excellent thermal stability
- High protection from rust, corrosion, foaming.
- Low solidification point.
- Excellent EP properties.
- Good shifting behaviour in low temperatures.
- Extended life.
- Fuel saving



| Property             | Unit               | Data    | Audit        |
|----------------------|--------------------|---------|--------------|
| Density at 20°C      | kg/m <sup>3</sup>  | 874,0   | EN ISO 12185 |
| Colour               |                    | braun   | visual       |
| Viscosity at 100°C   | mm <sup>2</sup> /s | 21,4    | DIN 51562-10 |
| Viscosity at 40°C    | mm <sup>2</sup> /s | 163,5   | DIN 51562-10 |
| Viscosity index VI   |                    | 155     | DIN ISO 2909 |
| Brookfield Viscosity | mPa*s              | 155.000 | ASTM D 2983  |
| Pourpoint            | °C                 | - 45    | DIN ISO 3016 |
| Flash point (COC)    | °C                 | 204     | DIN ISO 2592 |
| Copper Strip Test    |                    | 1a      | ASTM D130    |

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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