



## Transmax Axle Long Life 75W-90

Axle Fluid - Multivehicle

### Description

Castrol Transmax Axle Long Life 75W-90, formulated with *Smooth Drive Technology*<sup>TM</sup>, is a full synthetic rear axle fluid. It provides superior protection, especially when driving under stop-start or extreme conditions e.g. towing. This enables smoother axle operation and noise reduction, resulting in a more comfortable drive throughout the lifetime of the vehicle. Specially designed and approved by BMW for use in all BMW final drives fitted with conventional (non limited slip) differentials. It is Castrol's prime recommendation for final drives in heavy commercial vehicles, and is approved by MAN, Scania and ZF.

### Advantages

- Fuel savings and reduced emissions due to balanced viscometric and frictional characteristics.
- Superior low temperature fluidity pumpability ensures optimum protection at start up under all conditions.
- Excellent thermal and oxidative stability provides final drive and differential cleanliness which permits extended drain and decreased servicing.
- Optimal anti-wear, extreme pressure performance at all ambient temperatures and load conditions.
- Excellent temperature reduction and shear stability enhance final drive performance and extends component life.

### Typical Characteristics

Name	Method	Units	Transmax Axle Long Life 75W-90
Density @ 15C, Relative	ASTM D1298	g/ml	0.858
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	15.4
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	101
Viscosity Index	ASTM D2270	None	161
Viscosity, Brookfield @ -40C (75W)	ASTM D2983	mPa.s (cP)	50400
Pour Point	ASTM D97	°C	-57
Flash Point, COC	ASTM D92	°C	224

## Product Performance Claims

API GL-5

MAN 342 S1

ZF TE-ML 05A, 12B, 17B, 19C, 21A

BMW (Non-Limited Slip Rear Axles) According to Service Instruction 33 01 96 (149)

## Additional Information

Transmax Axle Long Life 75W-90 is registered under the following ZF approval number: ZF002142

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