



Product Data

Transmax Axle Long Life 75W-90

Axle Fluid - Multivehicle

Description

Castrol Transmax Axle Long Life 75W-90, formulated with *Smooth Drive Technology*TM, 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 ² /s	15.4
Viscosity, Kinematic 40C	ASTM D445	mm ² /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

Transmax Axle Long Life 75W-90

24 Jan 2022

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW

www.castrol.com