



## Transmax Axle EPX 80W-90

Axle Fluid For Specific OEMs

### Description

Castrol Transmax Axle EPX 80W-90 is a multipurpose axle oil which may be used in differentials, final drives and other applications in passenger cars and commercial vehicles where API GL-5 performance is required. It is approved by MAN and ZF for use in a range of commercial applications including axles in off-road and agricultural equipment.

### Advantages

- High load carrying capability ensures gears operating under high loads are protected prolonging component life
- High film strength ensures protection against wear and shock loads
- Good thermal/oxidation stability protects against the formation of deposits and oil thickening prolonging the life of components and lubricant.

### Typical Characteristics

Name	Method	Units	Transmax Axle EPX 80W-90
Density @ 15°C Relative	ASTM D4052	g/ml	0.896
Viscosity, Kinematic 100°C	ASTM D445	mm <sup>2</sup> /s	14.0
Viscosity, Kinematic 40°C	ASTM D445	mm <sup>2</sup> /s	135
Viscosity Index	ASTM D2270	None	101
Viscosity, Brookfield @ -26°C (80W), max	ASTM D2983	mPa.s (cP)	144000
Pour Point	ASTM D97	°C	-34
Flash Point, COC	ASTM D92	°C	222

## Product Performance Claims

API GL-5

MAN 342 M2

ZF TE-ML 05A, 12E, 16B, 17B, 19B, 21A

## Additional Information

Transmax Axle EPX 80W-90 is registered under the following ZF approval numbers: ZF000163, ZF000165, ZF000163, ZF000167, ZF000168, ZF000169.

Transmax Axle EPX 80W-90

09 Feb 2021

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, to the extent that it is permissible by law to exclude warranties and representations, 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. Material 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. Refer to the MSDS, available from our website for further information. No responsibility is taken by either Castrol Australia, 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 Australia Pty Limited - ABN 87 008 459 407 – 132 McCredie Road, Guildford NSW 2161, Australia  
Technical Advice Line 1300 557 998 Customer Service 1300 554 890  
[www.castrol.com.au](http://www.castrol.com.au) [www.msds.castrol.com.au](http://www.msds.castrol.com.au)