



Product Data

Transmax Axle EPX 80W-90

Axle Fluid for specific OEMs

Description

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 @ 15C, Relative	ASTM D4052	g/ml	0.896
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	14.0
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	134.9
Viscosity Index	ASTM D2270	None	101
Viscosity, Brookfield @ -26C (80W)	ASTM D2983	mPa.s (cP)	127000
Pour Point	ASTM D97	°C	-33
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

Transmax Axle EPX 80W-90
17 Nov 2020
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
Orders/Enquiries: 0345 6008125 Technical Enquiries: 0345 082 1719 BP (Ireland) Ireland Orders/Enquiries: 1850 930 3942 Ireland Technical Enquiries: 1800 509 353
www.castrol.com/uk