



Product Data

## Transmax Axle EPX 85W-90

Axle Fluid for Specific OEMS

### Description

Castrol Transmax Axle EPX 85W-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. Transmax Axle EPX 85W-90 is approved by MB, Daimler Truck AG and ZF for use in a wide range of commercial applications.

### Advantages

- Wide range of european OEM approvals.
- 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 harmful deposits and oil thickening prolonging the life of components and lubricant

### Typical Characteristics

| Name                       | Method     | Units              | Transmax Axle EPX 85W-90 |
|----------------------------|------------|--------------------|--------------------------|
| Density @ 15°C, Relative   | ASTM D4052 | g/ml               | 0.905                    |
| Viscosity, Kinematic 100°C | ASTM D445  | mm <sup>2</sup> /s | 16.8                     |
| Viscosity, Kinematic 40°C  | ASTM D445  | mm <sup>2</sup> /s | 185                      |
| Viscosity Index            | ASTM D2270 | None               | 97                       |
| Pour Point                 | ASTM D97   | °C                 | -27                      |
| Flash Point, COC           | ASTM D92   | °C                 | 220                      |

### Product Performance Claims

API GL-5

MB-Approval 235.0

DTFR 12B100 (MB 235.0)

ZF - TE-ML 16C, 17B, 19B, 21A

### Additional Information

Transmax Axle EPX 85W-90 is registered under the following ZF approval numbers: ZF003394, ZF003450, ZF003451

Transmax Axle EPX 85W-90

24 May 2024

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. 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. 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](http://www.castrol.com)