



Lube Control Pty Ltd



Product Data Sheet

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  | mm²/s      | 14.0                     |
| Viscosity, Kinematic 40°C                | ASTM D445  | mm²/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                      |



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**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  
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