



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	mm ² /s	14.0
Viscosity, Kinematic 40°C	ASTM D445	mm ² /s	134.9
Viscosity Index	ASTM D2270	None	101
Viscosity, Brookfield @ -26°C (80W)	ASTM D2983	mPa.s (cP)	127000
Pour Point	ASTM D97	°C	-33
Flash Point, COC	ASTM D92	°C	222

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification

Product Performance Claims

API GL-5

MAN 342 M2

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

User Advice

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Safety Data Sheet (SDS) are followed. SDSs are available upon request through your sales contact office, or via the internet at www.castrol.com. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection center.

Additional Information

Transmax Axle EPX 80W-90 is registered under the following ZF approval numbers: ZF002163, ZF002165, ZF002167, ZF002168

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions

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