



Product Data

Transmax Axle Long Drain 80W-90

Axle Fluid

Description

Castrol Transmax Axle Long Drain 80W-90 is a mineral based gear oil designed for use in axles and final drives operating under severe conditions and over a wide range of operating temperatures. It is MB 235.20 and DTFR 12B110 (MB 235.20) approved, delivering the longest ODI for a mineral product and is specifically approved for use in MB Actros axles. It is also approved for use in MAN, Scania and ZF axles and is recommended for other applications where API GL-5 performance is required.

Advantages

- Extended drain potential compared with conventional MB 235.0 fluids.
- Enhanced seal compatibility
- Effective wear protection under severe load conditions, ensuring longer component life and allowing it to be used in the final drives of most vehicles in a wide range of operating temperatures.
- Excellent resistance to foaming and corrosion.

Typical Characteristics

Name	Method	Units	Transmax Axle Long Drain 80W-90
Density @ 15°C, Relative	ASTM D4052	g/ml	0.895
Viscosity, Kinematic 100°C	ASTM D445	mm ² /s	14.5
Viscosity, Kinematic 40°C	ASTM D445	mm ² /s	140
Viscosity Index	ASTM D2270	None	104
Viscosity, Brookfield @ -26°C (80W)	ASTM D2983	mPa.s (cP)	135000
Pour Point	ASTM D97	°C	-36
Flash Point, COC	ASTM D92	°C	208

Product Performance Claims

API GL-5
MAN 342 M3
MB-Approval 235.23
DTFR 12B110 (MB 235.20)
Scania STO 1:0
ZFTE-ML 05A, 12L, 12M, 16B, 17B, 19B, 21A

Additional Information

Transmax Axle Long Drain 80W-90 is registered under the following ZF approval number: ZF004885

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 damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions

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