



Product Data

Transmax Limited Slip Z 85W-90

Axle Fluid for Limited Slip Differentials

Description

Castrol Transmax Limited Slip Z 85W-90 is a mineral oil based gear oil which is suitable for use in limited slip differentials in cars and commercial vehicles where API GL-5 oils with specific limited slip friction performance is required. It can also be used in conventional differentials. It is approved by ZF for use in their multi-disc wet brakes and self-locking differentials used in a range of commercial vehicle applications including axles in off-road and agricultural equipment.

Advantages

- Very good wear protection, even under severe conditions, prolongs component life.
- Optimized and stable friction characteristics for effective operation of limited slip differentials throughout the drain interval.
- Specifically formulated to meet friction requirements of ZF wet brakes and locking differentials.

Typical Characteristics

Name	Method	Units	Transmax Limited Slip Z 85W-90
Density @ 15C, Relative	ASTM D4052	g/ml	0.903
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	16.2
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	175
Viscosity Index	ASTM D2270	None	95
Viscosity, Brookfield @ -12C (85W)	DIN 51398	mPa.s (cP)	24300
Pour Point	ASTM D97	°C	-15
Flash Point, COC	ASTM D92	°C	210

Product Performance Claims

API GL-5
ZF TE-ML 05C, 16E, 21C

Additional Information

Transmax Limited Slip Z 85W-90 is registered under the following ZF approval numbers: ZF002045, ZF002179

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