



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	16.4
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	175
Viscosity Index	ASTM D2270	None	95
Viscosity, Brookfield @ -12C (85W)	DIN 51398	mPa.s (cP)	95000
Pour Point	ASTM D97	°C	-30
Flash Point, COC	ASTM D92	°C	210

Product Performance Claims

API GL-5

ZF TE-ML 05C, 12C, 16E, 21C

Transmax Limited Slip Z 85W-90

28 Jul 2020

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. 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

Orders/Enquiries: 0345 6008125 Technical Enquiries: 0345 082 1719 BP (Ireland) Ireland Orders/Enquiries: 1850 930 3942 Ireland Technical Enquiries: 1800 509 353

www.castrol.com/uk