



## Axle Z Limited Slip 90

Axle Fluid for limited slip differentials

### Description

Castrol Axle Z Limited Slip 90 is an SAE 90 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

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

### Typical Characteristics

Name	Method	Units	Axle Z Limited Slip 90
Density @ 15°C, Relative	ASTM D4052	g/ml	0.903
Appearance	Visual	-	Clear & Bright
Viscosity, Kinematic 100°C	ASTM D445	mm <sup>2</sup> /s	16.5
Viscosity, Kinematic 40°C	ASTM D445	mm <sup>2</sup> /s	175
Viscosity Index	ASTM D2270	-	95
Flash Point, COC	ASTM D92	°C	210

### Product Performance Claims

API GL-5  
ZF TE-ML 05C, 12C, 16E, 21C

## 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.

Axle Z Limited Slip 90

22 Sep 2011

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. Material 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.

10 Junction Avenue , Parktown , Johannesburg , 2193, South Africa

+27 11 488 5111, 0860 222 166 (SA), 0800 111 551 (SA)

[www.castrol.co.za](http://www.castrol.co.za)