Product Data

Axle Z Limited Slip 90

Axle fluid for limited slip differentials

Description

Axle Z Limited Slip 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.

Application

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	Axle Z Limited Slip 90
Density @ 15°C, Relative	ASTM D4052	g/ml	0.903
Viscosity, Kinematic 100°C	ASTM D445	mm²/s	16.0
Viscosity, Kinematic 40°C	ASTM D445	mm²/s	175
Viscosity Index	ASTM D2270	None	95
Viscosity, Brookfield @ -12°C (85W)	DIN 51398	mPa.s (cP)	< 150.000
Pour Point	ASTM D97	°C	-30
Flash Point, COC	ASTM D92	°C	210

Product Performance Claims

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

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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