



Axle Z Limited Slip 90

Axle Fluid for limited slip differentials

Description

Castrol 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. 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 @ 15C, Relative	ASTM D4052	g/ml	0.900
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	16.0
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	167
Viscosity Index	ASTM D2270	None	98
Pour Point	ASTM D97	°C	-6
Flash Point, COC	ASTM D92	°C	228

Product Performance Claims

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

User Advice

Product can become hazy leading to some precipitation depending on storage conditions and time. This haziness/precipitation does not negatively impact the performance of the product. It is recommended that the product is stored above 10C

Additional Information

Axle Z Limited Slip 90 is registered under the following ZF approval numbers: ZF000294, ZF000281, ZF000307

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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