



Product Data Sheet

Transmax Dynadrive Long Life 80W-90

Part Synthetic Automotive Gear Lubricant

Description

Castrol Transmax Dynadrive Long Life 80W-90 is a part-synthetic SAE 80W-90 gear oil specifically developed to meet all the gear oil requirements for both manual transmissions and final drives. The unique additive system provides the extreme pressure protection needed in heavy-duty differentials as well as the frictional properties required for smooth shifting synchromesh manual transmissions.

The excellent viscosity/temperature characteristics of Transmax Dynadrive Long Life 80W-90 overcome gear change baulking at low temperatures, whilst the outstanding thermal stability of the semi-synthetic base oil minimises deposit formation and allows oil drain intervals to be extended when appropriate.

Application

Castrol TRANSMAX Dynadrive Long Life 80W-90 is designed for use in highly loaded final drives and differentials of commercial vehicles such as trucks, buses, vans and 4WD's, as well as synchronised manual transmissions requiring API GL-4 or GL-5 lubricants.

Castrol TRANSMAX Dynadrive Long Life 80W-90 has shown excellent performance in a range of heavy duty differentials in the transport industry, as a replacement for conventional 85W-140 EP gear oils.

Extensive Australian field trials have shown Castrol TRANSMAX Dynadrive Long Life 80W-90 to be an excellent 'trouble shooting' lubricant for final drives operating under severe conditions. It has been particularly successful in reducing operating temperatures and extending oil and component life in Meritor (Rockwell) axles and is endorsed by Meritor for use in these applications.

Advantages

- High oxidative stability enables better component cleanliness and longer oil life, resulting in extended servicing.
- Excellent viscosity/temperature characteristics.
- Synthetic base oil provides enhanced lubricant durability.
- Excellent shear stability ensures high performance throughout the lubricants life.
- Being one product for both manual and final drive transmissions, it offers rationalisations that reduce workshop stockholding and helps prevent service filling errors.
- Reduced gear change baulking at low temperatures.
- Excellent differential cleanliness.
- Reduced wear.
- Extended drain.
- Excellent transmission performance.
- Extended axle bearing life.

Typical Characteristics

Name	Method	Units	Transmax Dynadrive Long Life 80W-90
Density @ 15C, Relative	ASTM D4052	g/ml	0.893
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	17.0
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	172
Viscosity Index	ASTM D2270	None	106
Viscosity, Brookfield @ -26C (80W)	ASTM D2983	mPa.s (cP)	120000
Pour Point	ASTM D97	°C	-39
Flash Point, COC	ASTM D92	°C	234

Product Performance Claims

API GL-4/GL-5
SAE J2360

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