



Product Data

## Transmax Limited Slip LL 75W-140

Axle Fluid for Limited Slip Differentials

### Description

Castrol Transmax Limited Slip LL 75W-140, formulated with *Smooth Drive Technology™*, is a full synthetic hypoid gear oil formulated for use in both conventional and limited slip differentials. It has demonstrated outstanding performance in competition vehicles employing limited slip differentials. It is approved for use in the high performance BMW-M Series and Mercedes Benz AMG limited slip differentials.

### Advantages

- Reduces noise and vibrations in the axle.
- Excellent shear stability maintaining performance over the life of the lubricant.
- Exceptional stability at high temperatures extending the life of lubricant and axle.
- Effective wear resistance ensures protection under high loads and prevents damage to components.
- Very good low temperature fluidity properties increases protection at start up.

### Typical Characteristics

Name	Method	Units	Transmax Limited Slip LL 75W-140
Density @ 15C	DIN EN ISO 12185	g/ml	0.857
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	24.7
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	175.1
Viscosity Index	ISO 2909	None	174
Viscosity, Brookfield @ -40C (75W)	ASTM D2983	mPa.s (cP)	120000
Pour Point	ISO 3016	°C	-54
Flash Point, COC	ISO 2592	°C	228

## Product Performance Claims

API GL-5

Approved - MB-Approval 235.61, ZFTE-ML 05C, ZFTE-ML 16G, ZFTE-ML 18, ZFTE-ML 21C

BMW LS Rear Axles

Recommended for use in Nissan GTR limited slip rear axles

\*SAE Class according to J306 pre 1998 \*\*

## Additional Information

Transmax Limited Slip LL 75W-140 is registered under the following ZF approval number: ZF002141

Transmax Limited Slip LL 75W-140

10 Jan 2023

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

[www.castrol.com](http://www.castrol.com)