



## Castrol Syntrox Limited Slip 75W-140

Axle Fluid for Limited Slip Differentials

### Description

Castrol Syntrox Limited Slip 75W-140 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	Syntrox Limited Slip 75W-140
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	24.7
Viscosity, Brookfield @ -40C	ASTM D2983	mPa.s (cP)	120000
Appearance	Visual	-	Bright & Clear
Flash Point, COC	ISO 2592	°C	228
Pour Point	ISO 3016	°C	-54
Density @ 15C	DIN EN ISO 12185	g/ml	0.857
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	175
Viscosity Index	ISO 2909	None	174

## Product Performance Claims

API GL-5  
MB-Approval 235.61  
ZF TE-ML 05D, 12D, 16G, 21D  
BMW LS Rear Axles  
Recommended for Nissan GTR limited slip axles

## 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.

Castrol Syntrax Limited Slip 75W-140

17 Mar 2011

Castrol, Syntrax Limited Slip 75W-140 and the Castrol logo 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.

Castrol UK Ltd, Wakefield House, Pipers Way, SWINDON, Wiltshire, SN3 1RE, Castrol (Ireland), Castrol Ireland Ltd, Wakefield House, Pipers Way, SWINDON, Wiltshire, SN3 1RE

Castrol UK Telephone: 01793 512712 Automotive Technical Helpline: 0845 082 1719 Orders/Enquiries: 0845 6008125 Castrol Ireland Telephone: +44 (0)1793

512712 Automotive Technical Helpline: 1800 509 353 Orders/Enquiries: 1850 930 394

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

Page 2 of 2