



Product Data

Castrol® Syntrax™ Limited Slip 75W-140

Axel fluid for Limited Slip Differentials

Description

Castrol® Syntrax™ Limited Slip 75W-140 is a full synthetic hypoid gear oil for use in both conventional and limited slip differentials.

Applications

It has demonstrated outstanding performance in competition vehicles employing limited slip differentials. It is approved for use in 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

Test	Method	Unit	Typical Value
SAE			75W-140
Viscosity, Kinematic @ 100 °C	ASTM D-445	cSt	24.7
Viscosity Brookfield @ -40 °C	ASTM D-2983	cP max	120,000
Appearance	Visual	-	Bright & Clear
Flash Point, COC	ASTM D-92	°C min.	228
Pour Point	ASTM D-97	°C max.	-54
Density, @ 15 °C	ASTM D-1298	g/ml	0.857
Viscosity, Kinematic @ 40 °C	ASTM D-445	cSt	175
Viscosity Index	ASTM D-2270	None	174

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Industry Specifications and OEM Approvals

API GL-5
MB-Approval 235.61
ZF TE-ML 05D, 12D, 16G, 18, 21D
BMW LS Rear Axles
Recommended for Nissan GTR limited slip axles

User Advice

Health safety and environmental information is provided for this product in the Material Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products. Castrol will not accept liability if the product is used other than in the manner or with the precautions or for the purpose/s specified. Before the product is used other than as directed, advice should be obtained from the local Castrol office.

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 the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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