



Product Data Sheet

Transmax Limited Slip 80W-140

Axle Fluid

Description

Castrol Transmax Limited Slip 80W-140 is a full synthetic rear axle fluid designed to provide protection at the extremes of low and high operating temperatures. It is particularly recommended for competition, severe duty and long drain applications. It may be used in both limited slip and non limited slip differentials. Particular applications include Holden V8 rear axles, trucks operating in severe service where high temperatures in differentials and power dividers are encountered, competition vehicles eg Group A, sports sedans, Formula Holden and Rally cars.

Advantages

- Excellent high temperature and load performance provides maximum protection against wear and noise.
- Low friction improves axle efficiency offering fuel economy improvements.
- Highly shear stable ensuring properties are retained over very long service periods.
- Reduced operating temperatures increase life of gears and seals.
- Wide viscosity range ensures suitability for use in all temperatures.
- Compatible with mineral gear oils and seals so it may replace conventional oils with no need for seal changes or extensive flushing.

Typical Characteristics

Name	Method	Units	Transmax Limited Slip 80W-140
Density @ 15C, Relative	ASTM D1298	g/ml	0.879
Viscosity, Kinematic 100C	ASTM D445	mm²/s	29.1
Viscosity, Kinematic 40C	ASTM D445	mm²/s	260
Viscosity Index	ASTM D2270	None	150
Viscosity, Brookfield @ -26C (80W)	ASTM D2983	mPa.s (cP)	60000
Flash Point, PMCC	ASTM D93	°C	132
Flash Point, COC	ASTM D92	°C	200



Lube Control Pty Ltd

Product Performance Claims

API GL-5
Suitable or use in axles with limited slip differentials.

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