



Castrol Syntrox 80W-140

Axle Fluid

Description

Castrol Syntrox 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, and competition vehicles such as sports sedans and rally cars.

Application

For use where SAE 80W-140 or 85W-140 API GL-5 is required, with or without limited slip performance.
Approved to (former) BTR/Dana Australia 5M-48 performance specification.

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	Syntrox 80W-140
Density @ 15C, Relative	ASTM D1298	g/ml	0.879
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	260
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	29
Viscosity Index	ASTM D2270	None	150
Viscosity, Brookfield @ -26C	ASTM D2983	mPa.s (cP)	60000
Pour Point	ASTM D97	°C	-39
Flash Point, COC	ASTM D92	°C	200

Product Performance Claims

API GL-5

Suitable for use in axles with limited slip differentials.

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.

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31 Jan 2020

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