



Product Data

Castrol® Syntrans™ AT

Synthetic Manual Transmission Fluid, SAE 75W-90

Description

Castrol Syntrans AT 75W-90 is a full synthetic transmission fluid specifically for use in the manual transmissions of Mercedes Benz Actros vehicles.

Applications

Castrol Syntrans AT is specifically for use in manual transmissions for Mercedes Benz Actros vehicles.

Advantages

- Excellent synchronizer performance which improves shift ability, reducing the 'hard' gear changing, often experienced in commercial vehicles.
- Very good cold flow properties which provide: smoother gear shift at low ambient temperatures due to reduced shifting forces; Reduced torque loss increases efficiency over all transmission load ranges. Increased wear protection of synchronizer and bearings during start-up phase; Excellent temperature reduction.
- Lower power input means fuel savings potential and reduced emissions and extended transmission life through reduced friction.
- Very good anti-pitting behavior which offers critical protection to surface of moving parts, especially important in high load applications. It also extends component life and reduces downtime and repair costs.
- Excellent thermal and oxidative stability allow superb transmission cleanliness and longer oil life which in turn permit extended drain and decreased servicing.
- Good seal compatibility. Helps avoid oil leakages, reducing repair costs.

Typical Characteristics

Test	Method	Unit	Typical Value
Density @ 15°C	ASTM D-1298	Kg/m ³	844
Kinematic Viscosity @ 100°C	ASTM D-445	cSt	14.1
Kinematic Viscosity @ 40°C	ASTM D-445	cSt	99
Brookfield Viscosity @ -40°C	ASTM D-2983	cP	49,000
Pour Point	ASTM D-97	°C max.	-42
Flash Point , PMCC	ASTM D-93	°C min.	210

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-4
- MB-approval 235.11

User Advice

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDSs are available upon request through your sales contact office, or via the internet at www.castrol.com/us. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection center.

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.

Castrol Syntrans AT 75W-90 Product Data Sheet
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BP Lubricants USA, Inc. 1500 Valley Road, Wayne, NJ 07470

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