



Product Data

Castrol Syntrans 75W-85

Manual Transmission Fluid

Description

Castrol Syntrans 75W-85 is a full synthetic transmission fluid recommended for most commercial vehicle manual transmissions (truck, bus, light commercial vehicle) where API GL-4 lubricants are required. These transmissions are generally larger and subjected to higher loads and temperatures than those in passenger cars; this product was developed for these particular requirements and is approved by a number of manufacturers.

Advantages

- Excellent thermal and oxidative stability maintains transmission cleanliness and lubricant performance allowing extended drain capability.
- Synthetic formulation provides a reduction in operating temperatures giving longer component and lubricant life.
- Superb cold flow characteristics give smoother gear shifts at low temperatures.
- High shear stability maintains lubricant performance throughout the drain interval.
- Good wear and EP performance ensures component protection under high load conditions reducing downtime and service costs.

Typical Characteristics

| Name | Method | Units | Syntrans 75W-85 |
|-------------------------------------|------------------|--------------------|-----------------|
| Viscosity, Kinematic 100°C | ASTM D445 | mm ² /s | 11.9 |
| Viscosity, Kinematic 40°C | ASTM D445 | mm ² /s | 64.6 |
| Viscosity, Brookfield @ -40°C (75W) | DIN 51398 | mPa.s (cP) | 18000 |
| Pour Point | DIN-ISO 3016 | °C | -60 |
| Density | DIN EN ISO 12185 | g/ml | 0.837 |

Product Performance Claims

API GL-4

Volvo Transmission Oil 97307: 006

DTFR 13B150 (MB 235.4)

Eaton 500000km drain Europe (service bulletin 2273)

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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