



Product Data

Transmax Manual Long Life 75W-85

Manual Transmission Fluid

Description

Castrol Transmax Manual Long Life 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	Transmax Manual Long Life 75W-85
Density @ 15°C	DIN EN ISO 12185	g/ml	0.837
Viscosity, Kinematic 100°C	ASTM D445	mm ² /s	11.9
Viscosity, Kinematic 40°C	ASTM D445	mm ² /s	64.6
Viscosity Index	ASTM D2270	None	183
Viscosity, Brookfield @ -40°C (75W)	ASTM D2983	mPa.s (cP)	18000
Pour Point	DIN-ISO 3016	°C	-60
Flash Point, COC	ASTM D92	°C	214

Product Performance Claims

API GL-4

DTFR 13B150 (MB 235.4)

Volvo Transmission Oil 97307:045

Eaton 500000km drain Europe (service bulletin 2273)

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24 May 2024

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Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW

www.castrol.com