

## Syntrans Heavy Duty 75W-90

Manual Transmission Fluid

### Description

Castrol Syntrans Heavy Duty 75W-90 is a full synthetic manual transmission lubricant developed for use in synchronized and non-synchronized transmissions in long haul trucks, b-double road train and other severe duty applications. Syntrans Heavy Duty 75W-90 is approved against Volvo's most demanding Heavy Duty Manual Transmission specification 97319 enabling extended oil drain intervals (400k kilometers / 248k miles) in severe duty manual and automated manual (*i*-Shift) transmission applications. It is also suitable for use in manual transmissions of cars or light commercial vehicles where GL-4 oils are recommended.

### Advantages

- Excellent oxidation stability ensures suitability in high temperature and extended drain applications.
- Proven synchronizer performance makes easier gear changes, quieter transmission operation and reduces driver fatigue.
- Excellent low temperature fluidity ensures easy cold start gear shifting.
- Excellent wear protection reduces wear and prolongs gear life.
- Long drain performance offers the potential to lower maintenance costs and increase vehicle availability.

### Typical Characteristics

Name	Method	Units	Syntrans Heavy Duty 75W-90
Appearance	Visual	-	Clear & Bright
Density @ 15C, Relative	ASTM D4052	g/ml	0.854
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	132
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	18.3
Viscosity Index	ASTM D2270	None	156
Pour Point	ASTM D97	°C / °F	-54 / -65
Viscosity, Brookfield @ -40C	ASTM D2983	mPa.s (cP)	79000
Flash Point, COC	ASTM D92	°C	256

## Product Performance Claims

API GL-4

Volvo Transmission Oil 97315:002

Volvo Transmission Oil 97319:007

## 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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