

## Castrol Syntrans Z 75W-80

Manual Transmission Fluid

### Description

Castrol Syntrans Z 75W-80 is a Semi-synthetic Transmission Fluid for use in manual transmissions including those equipped with Re-/Intarder, mechanical non-synchronised transmissions, steering systems and supplementary transmissions; it can also be used in cases where the use of higher viscosity single-grade API GL4 fluids can cause shift problems.

### Advantages

- Excellent synchroniser performance improves shift quality and improves fuel economy over conventional gear lubricants.
- Exceptional temperature reduction through reduced friction gives longer oil and component life.
- Outstanding antiwear performance provides protection to components especially under high load, reducing downtime and repair costs.
- High shear stability - constant viscosity during oil life enhances performance and life of components.
- Excellent thermal and oxidative stability gives excellent transmission cleanliness and extended drain capability.

### Typical Characteristics

Name	Method	Units	Castrol Syntrans Z
Appearance	-	-	Bright & Clear
Density @ 15C, Relative	ASTM D4052	g/ml	0.876
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	9.2
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	62
Viscosity, Brookfield @ -40C	ASTM D2983	mPa.s (cP)	< 150000
Flash Point, COC	ISO 2592	°C	228
Pour Point	ISO 3016	°C	-48

## Product Performance Claims

API GL-4  
MAN 341 Typ Z4  
ZF - TE-ML 01L  
ZF - TE-ML 02L  
ZF - TE-ML 16K

## Additional Information

Syntrans Z 75W-80 is registered under the following ZF approval numbers: ZF004749

## 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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26 Aug 2019  
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