



Castrol Syntrans Z Long Life 75W-80

Manual Transmission Fluid

Description

Castrol Syntrans Z Long Life 75W-80 is a full synthetic SAE 75W-80 fluid developed specifically to meet ZF extended drain intervals requirements (540.000 km) and is approved for use in all ZF commercial manual and automated manual transmissions. It can be recommended in other manual transmissions requiring API GL-4 and is particularly suitable for severe applications where loads and temperatures are higher.

Advantages

- Excellent frictional characteristics with carbon, sinter bronze and molybdenum synchronisers provides improved shift quality and extends component life.
- Temperature reduction in operation extends the life of the oil and components aiding extended drain intervals and reducing downtime and repair costs.
- Provides excellent low temperature fluidity giving improved protection and smooth gear shifts at low temperatures.
- Excellent thermal and oxidative stability extends the life of transmission and lubricant extending drain intervals and reducing service needs.
- Excellent wear and EP performance provides protection to components under high loads extending component life and reducing maintenance costs.

Typical Characteristics

Name	Method	Units	Syntrans Z Long Life
Colour	Visual	-	Blue
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	9.1
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	55
Viscosity, Brookfield @ -40C	DIN 51398	mPa.s (cP)	20.000
Appearance	Visual	-	Clear and bright
Density @ 15C	DIN EN ISO 12185	g/ml	0.848
Viscosity Index	ISO 2909	None	150
Pour Point	DIN-ISO 3016	°C	-57

Product Performance Claims

API GL-4
MAN 341 Z5
MB-Approval 235.41
ZF TE-ML 01E, 02E, 16P

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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