

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 (500.000 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 100°C	ASTM D445	mm ² /s	9.1
Viscosity, Kinematic 40°C	ASTM D445	mm ² /s	55
Viscosity, Brookfield @ -40°C	DIN 51398	mPa.s (cP)	20.000
Appearance	Visual	-	Clear and bright
Density @ 15°C	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.

Castrol Syntrans Z Long Life 75W-80
09 Feb 2012
Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol UK Ltd, Wakefield House, Pipers Way, SWINDON, Wiltshire, SN3 1RE, Castrol (Ireland), Castrol Ireland Ltd, Wakefield House, Pipers Way, SWINDON, Wiltshire, SN3 1RE
Castrol UK Telephone: 01793 512712 Automotive Technical Helpline: 0845 082 1719 Orders/Enquiries: 0845 6008125 Castrol Ireland Telephone: +44 (0)1793 512712 Automotive Technical Helpline: 1800 509 353 Orders/Enquiries: 1850 930 394
www.castrol.com/uk
Page 2 of 2