



SYNTRANS Z LONGLIFE 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 interval requirements (500.000 km) and is approved for use in all ZF commercial manual and automated manual transmissions.

Application

Castrol Syntrans Z Longlife 75W-80 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, sintered 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	Typical Value
Color	Visual	-	Blue
Kinematic Viscosity @ 100°C	ASTM D445	cSt	9.1
Kinematic Viscosity @ 40°C	ASTM D445	cSt	55
Brookfield Viscosity @ -40°C	DIN 513987	cP	20,000
Appearance	Visual	-	Clear and Bright
Density @ 15°C, relative	ASTM D1298	g/ml	0.848
Viscosity Index	ISO 2909	None	150
Pour Point	DIN-ISO 3016	°C	-57

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Product Performance Claims

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

User Advice

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDSs are available upon request through your sales contact office. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection center.

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 the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

SYNTRANS Z LONGLIFE 75W-80

26 Dec 2013

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This Data Sheet and information it contains is considered to be accurate at the date of printing. No warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this publication. No statement made in this publication shall be construed as a permission, recommendation or authorization given or implied to practice any patented invention without a valid license. It is the User's obligation to evaluate and use products safely and within the scope advised in the Data Sheet, 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 products. The Seller shall not be responsible for any loss, damage or injury resulting from any abnormal use of the product, from any failure to adhere to recommendations, nor from any hazards or risks which are i) identified in the Data Sheet, ii) inherent in the nature of petroleum products or iii) associated with the petroleum products concerned (provided that this disclaimer shall not affect any statutory rights of the Buyer of the petroleum products concerned). 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.

BP Lubricants USA Inc., 1500 Valley Road , Wayne, NJ 07470

www.castrol.com