



Texamatic[®] 7045E

Proven performance automatic transmission fluid

Product description

Texamatic 7045E is a proven performance automatic transmission fluid suitable for passenger car, light truck and bus transmissions requiring a GM DEXRON[®]-IIIIG fluid.

This transmission fluid is formulated with mineral base oils and a balanced additive package to provide efficient operating performance.

Customer benefits

- Specially tuned friction characteristics ensure smooth shifts and lock-ups
- Durable friction control provides smooth operation throughout fluid service life
- High VI maintains fluid viscosity and transmission protection at high operating temperatures
- Low temperature fluidity provides wear protection during cold start-up
- Oxidation stability prevents harmful lacquer, sludge and deposit formation
- Wide range elastomer compatibility protects hoses and seals
- Protects automatic transmission fluid coolers from corrosion

Product highlights

- **Suitable for passenger cars, light trucks and buses**
- **Resists wear, corrosion and oxidation**
- **Protects transmission fluid coolers**

Selected specification standards include:

Aishin Warner	Allison
Caterpillar	Ford
GM	MAN
Voith	ZF
ZF Lenksysteme	

Applications

- Texamatic 7045E is designed for use in the automatic transmissions of cars, light trucks and buses that require a GM DEXRON®-III (GM 6417-M) type fluid. Although this specification has been made technically obsolete by GM itself, many equipment manufacturers continue to recommend fluids of this type.
- Texamatic 7045E may be used in Ford passenger car transmissions that require a Ford MERCON®, M2C138-CJ or M2C166-H fluid. The product is not recommended for transmissions that require a Ford MERCON® V fluid (this is a separate specification to MERCON®). Due to fundamental differences in frictional properties, it should not be used in applications that require a Ford M2C33-F/G fluid.
- Texamatic 7045E is also suitable for use in power steering systems that require a mineral-type Power Steering Fluid. It should not be used in steering or active suspension systems that call for specific semi-synthetic or synthetic fluids, as the response speed may not be sufficiently fast.
- Texamatic 7045E may also be used as a wide temperature range anti-wear hydraulic fluid for mobile, industrial and marine applications. The viscosity corresponds to ISO VG 32.

Performance

• Aishin Warner	T-III	Suitable for application
• Allison	C-4	Suitable for application
• Caterpillar	TO-2	Suitable for application
• Ford	Mercon	Meets requirements (obsolete specification)
• GM	DEXRON-III	Meets requirements (obsolete specification)

Approvals, performance and recommendations

Approvals

• MAN	339 Type V1	Approved
• Voith	55.6335.3x	Approved
• ZF	TE-ML 04D	Approved
• ZF Lenksysteme	TE-ML 09	Approved ^[1]
• ZF	TE-ML 17C	Approved

^[1] Products meeting the necessary requirements for this specification are approved without listing.

Typical test data		
Test	Test methods	Results
Product Code		040254
Viscosity Kinematic, 40°C, mm ² /s	ASTM D445	33.8
Viscosity Kinematic, 100°C, mm ² /s	ASTM D445	7.4
Viscosity Brookfield, -10°C, mPa.s	ASTM D2983	420
Viscosity Brookfield, -20°C, mPa.s	ASTM D2983	1100
Viscosity Brookfield, -30°C, mPa.s	ASTM D2983	3800
Viscosity Brookfield, -40°C, mPa.s	ASTM D2983	17500
Viscosity Index	ASTM D2270	194
Colour	ASTM D1500	<6 (red)
Density, 15°C, kg/l	ASTM D4053	0.862
Flash Point COC, °C	ASTM D92	200
Pour Point, °C	ASTM D97	-51
Copper Corrosion, 3h, 150°C	ASTM D130	1b
Noack Volatility, 1h, 250°C, %wt	CEC L40A93	7.4
FZG Gear Wear Test	CEC L7A95	
- Failure load stage		>12

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheets.

Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

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