



Lubricants Report



Product Data Sheet from Shell Lubricants

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DONAX* TG **AUTOMATIC TRANSMISSION FLUID**

PRODUCT LINE

Donax TG is a premium automatic transmission fluid. It is made from blends of Shell's superior quality base oils and carefully selected additives to provide trouble-free, long service life. It is suitable for use in vehicles previously serviceable by Dexron III / Mercon brands and provides enhanced performance and is designed for electronically controlled automatic transmissions.

APPLICATIONS

Passenger Car and Light Truck Transmissions - Donax TG is suitable for use in vehicles previously serviceable by Dexron III / Mercon brands and provides. **DONAX TG** is also back-serviceable in all GM automatic transmissions and can be recommended where Ford Type CJ fluid or a Ford Type H fluid are specified. **DONAX TG** may also be used in manual transmissions and in transfer cases of light duty trucks where the manufacturer recommends a DEXRON fluid. It also meets or exceeds the requirements of most European and Japanese manufacturers.

Heavy Duty Transmission Drives and Clutches - Donax TG is a premium heavy duty automatic and powershift transmission fluid, exceeding the requirements of Caterpillar TO-2. It may also be recommended as a power steering fluid where a DEXRON fluid is required and in Allison V-730 series transmissions.

Hydraulic Systems - Donax TG exhibits truly superior anti-wear hydraulic performance. **Donax TG** meets the requirements of Denison's HF-1 and HF-2 specification for hydraulic pumps. Many mobile equipment operators use **Donax TG** as hydraulic fluid where an ISO 32 viscosity grade is specified.

PERFORMANCE BENEFITS

- **Outstanding Low Temperature Fluidity - Donax TG's** viscosity index improvers and pour point depressants ensure needed fluidity at start-up especially for critical modern electronically controlled transmissions.
- **Outstanding Frictional Characteristics - Donax TG** is designed with outstanding frictional characteristics to prevent clutch slippage, even under high loads. Slippage can lead to excessive heat generation and potential transmission failure.
- **Excellent Oxidation Stability and Corrosion Protection -** Shell's high quality base oils, in combination with oxidation inhibitors, now provide even better sludge and oxidation control at high temperatures, resulting in long fluid life.
- **Premium Anti-Wear Performance - Donax TG** protects against wear in both transmission and hydraulic service to provide long component life.
- **Minimizes Deposit Formation -** Contains detergents and dispersants which effectively control deposits and help keep the transmission clean.
- **Seal Compatibility -** Controls swelling, hardness and tensile strength of elastomers. Reduces potential maintenance costs caused by leakage and replacement of seals.
- **Easily Recognized - Donax TG** is easily recognized by its red dye to distinguish transmission fluid from engine oil.

PERFORMANCE SUMMARY

Donax TG is recommended for the following specifications and requirements:

- For use in vehicles previously serviceable by Dexron III / Mercon brands
- Vickers 35VQ25; M-2952-S & I-286-S
- Spicer Transmissions 183 & 184
- Caterpillar TO-2
- Denison HF-1, HF-2, and Sunstrand
- Allison AT 500 Series, MT 600 Series, HT70 and HT700 Series, V730 Series and VH, VS Series
- Passes 10 stages in the FZG test RIG

TYPICAL PROPERTIES

Product Code	436-106	ASTM Method
Colour	Red	
Pour Point °C	<-51	D 97
Flash Point, C0C (Deg °C)	200	D 92
Viscosity: cSt at 40°C cSt at 100°C	33.35 7.0	D 445 D 445
Brookfield: cP at -40°C	12 900	D 2983
Viscosity Index	181	D 2270

[Visit](#) your nearest Shell Associate or Reseller for more details.

Need more product information? Please the [Shell Customer Service Centre](#) at 1-800-661-1600 or e-mail us at questions@shell.com

MSDS requests? Please call 1-800-661-1600 or fax your request to (403) 691-3997

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