



Shell Donax® TX

Premium Heavy-Duty Transmission Oil

Shell Donax® TX Oil is a premium quality heavy-duty universal power shift and automatic transmission fluid which is suitable for use in transmissions requiring Allison TES-295 fluids. Engineered to meet the requirements of the latest model heavy-duty transmissions, Donax® TX is the ultimate performance automatic transmission fluid which enables extended service intervals and extended limited warranty. Donax® TX remains stable even under severe operating conditions.

Applications

• Heavy-Duty Automatic Transmissions

Donax® TX was developed to meet the extended drain requirements of late model heavy-duty transmissions. It is particularly suitable for transmissions requiring Allison TES-295 type products. Donax® TX is recommended for use in the following applications:-

- Municipal fleets
- Vans, school buses
- Buses and Coaches
- Emergency vehicles
- Commercial vehicles and trucks
- Motor-homes
- On/Off-highway vehicles
- Heavy-duty pickup trucks

Donax® TX can also be used in ZF and Voith manufactured heavy-duty transmissions as well as those previously serviceable by Dexron® III and Mercon®, and is particularly suited to mixed fleet operations.

Performance Features and Benefits

Shell Donax® TX offers the following performance features and benefits:-

- **Excellent thermal and oxidation stability**
Donax® TX resists formation of deposits to ensure longer fluid life and better fluid performance under arduous conditions.
- **High viscosity index**
Donax® TX incorporates latest semi-synthetic base oil technology, which

provides outstanding high and low temperature performance. The physical characteristics provided by the additive technology and semi-synthetic base oils allows for extremely low temperature fluidity, further protecting the transmission components from premature wear under extreme operating conditions.

- **Excellent shear stability, corrosion and foaming resistance**

Donax® TX retains its fluid characteristics even under high loads and shear conditions. The excellent wear protection, shear stability and frictional characteristics of the additive technology provides outstanding oil performance allowing the equipment operator to extend oil drain intervals while maximizing the life of the transmission.

- **Compatible with most other automotive transmission fluids and seals**

When changing to Donax® TX Shell recommends that the transmission system is appropriately drained and flushed in order to obtain all of the performance benefits that changing to this fluid will provide. However, Donax® TX is compatible with most other transmission fluids and seals.

- **One fluid for year-round use in all geographic locations**

Oil Drain Interval Potential:

This technology allows extended oil drain intervals up to 50,000 miles for severe service and 100,000 miles in specific Allison Transmissions.

Oil analysis should be conducted in accordance with the transmission OEM requirements

- Allison C-4
- MAN 339 Type F

Shift Comfort and Maintenance Costs

The combination of these features and benefits translates into smooth shifting comfort, and lower maintenance costs due to extended drain intervals and longer transmission component life.

Protect the environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water

Specifications and Approvals

- Allison TES-389 (AA-32332007)
- Former Dexron® III applications
- Former Ford Mercon® applications
- Ford MERCON® V (M5060501)
- Voith
- ZF TE-ML14B, 16L, 17C
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Health and Safety

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet at <http://www.shell-lubricants.com/msds/>. If you are a Shell Distributor, please call 1+800-468-6457 for all of your service needs. All other customers, please call 1+800-840-5737 for all of your service needs. Information is also available on the World Wide Web: <http://www.shell-lubricants.com/>.

Typical Physical Characteristics

Product Code: 5069290 (bulk), 5069455 (drums), 5070570 (pails)

| Shell Donax TX Typical Properties | | |
|--|--------------------|-------------|
| Properties | Test Method | Results |
| Kinematic Viscosity @40° C cSt @100° C cSt | ASTM D-445 | 33.7 7.1 |
| Viscosity Index | ASTM D-2270 | 181 |
| Specific Gravity at 16°C | ASTM D-287 | 0.85 |
| Flash Point COC (°C) | ASTM D-92 | 212 |
| Pour Point (°C) | ISO 3016 | -51 |

These characteristics are typical of current production. While future production will conform to Shell's specification, variations in these characteristics may occur.