

Shell Donax TD

High performance tractor transmission oil



Premium “universal tractor transmission oils” (UTTO) designed for use in transmissions, hydraulic systems, oil immersed brakes and other ancillary systems fitted to agricultural tractors and off-road equipment. Donax TD are recognised by leading agricultural equipment manufacturers and suitable for use in most modern equipment.

Applications

- **Agricultural Tractors Transmissions**
Donax TD has been evaluated against the latest requirements of leading tractor and transmission manufacturers including John Deere, Massey Ferguson, CNH and ZF.
- **Hydraulic Systems**
Donax TD is ideally suited for hydraulic systems of tractors and ancillary equipment. Donax TD is formulated using specially selected additives and high quality base oils to provide good low temperature fluidity and wear protection.
- **Oil Immersed Brakes**
Special friction modifying additives are included in Donax TD to ensure optimum performance of oil immersed brakes whilst minimising brake noise. Donax TD is recommended for most wet brake systems fitted to agricultural tractors and off-highway construction equipment.

For extreme wet brake noise, consider using **Shell Donax TDQ**.

Warning: Not to be used as an engine oil

Performance Features and Benefits

- **Enhanced Protection**
Excellent anti-oxidation, shear-stability, anti-wear, anti-corrosion and anti-foam characteristics result from the use of the latest additive technology leading to greater reliability and reduced down time thus minimising cost and maximising utilisation.
- **Operator Comfort**
The excellent low temperature fluidity of Donax TD, results in responsive hydraulic performance, and smooth gearshift performance, from cold starts to maximum operating temperatures. Friction modifying additives help create smooth, noise-free operation of oil immersed brakes.

• OEM Recognition

Donax TD has been tested and approved by a wide range of equipment manufacturers.

Specification and Approvals

API Gear Performance	API GL-4
Case New Holland	MAT-3525
	M2C-134D
	FNHA-2-D.201.00
John Deere	JDM-J20C
Massey-Ferguson	M1143
	M1145
Volvo	WB 101
ZF TE-ML	03E, 05F
Caterpillar	TO-2 (obsolete)
Komatsu	recommended for use in certain construction equipment

Recommendations

Donax TD is also recommended for use in Case equipment where fluids meeting MS 1207 or MS 1209 are specified.

Donax TD can be used when a SAE J 306 85W grade is recommended.

Advice

Advice on applications not covered in this leaflet may be obtained from your Shell Representative.

Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet which can be obtained from your Shell representative.

Protect the environment

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

Typical Physical Characteristics

Donax			TD
SAE Viscosity Grade		SAE J 300	10W-30
Kinematic Viscosity		ISO 3104	
at 40°C	mm ² /s		60
at 100°C	mm ² /s		9,4
Shear stability (kin vis @ 100°C)			
after 20 hrs KRL	mm ² /s	CEC-L-45	8,1
John Deere	mm ² /s	JDQ 102	7,8
Dynamic Viscosity			
Brookfield @ -20°C	mPa.s	DIN 51398	4.750
Brookfield @ -35°C	mPa.s		64.800
Viscosity Index		ISO 2909	138
Density at 15°C	kg/m ³	ISO 12185	882
Flash Point COC		ISO 2592	220
Pour Point		ISO 3016	-42

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