



SHELL DONAX[®] TD

Premium transmission-hydraulic-wet brake fluids for tractors

Product Description

Shell Donax[®] TD oils are premium quality fluids for use in transmissions, hydraulic systems, oil immersed brakes and other ancillary systems fitted to agricultural tractors and off-road equipment. They are exceptional universal tractor fluids specially formulated for use where a common fluid reservoir serves transmissions, final drives and hydraulic systems.

Applications

- tractors and other equipment using a common fluid to lubricate the transmission, differential and hydraulic systems
- Caterpillar powershift transmissions requiring a TO-2 Fluid
- mobile equipment using Sundstrand hydrostatic transmissions
- mobile and industrial hydraulic systems operating over a wide temperature range

Shell Donax[®] TD is not suitable for Caterpillar TO-4 service. Donax[®] TC is suitable for those applications.

Shell Donax[®] TD is not recommended for Allison C-4 service. The Allison Transmission Division of General Motors has revised its C-4 approvals to no longer include tractor hydraulic fluids (THFs). Shell DONAX[®] TC, FORMULASHELL ATF DEXRON III/MERCON or Shell ROTELLA[®] T of the correct viscosity are recommended for this application.

Features/Benefits

- incorporates a friction modifier for proper noise-free operation of wet-brakes
- excellent low temperature fluidity provides good response at low temperatures
- Shell Donax[®] TD provides excellent service in virtually all makes of construction and farm tractors
- is frequently used as a single fluid to prevent accidental contamination or misapplication and to eliminate the need to purchase and keep in inventory several products for most farm and construction equipment

Recommendations

Although it may differ from manufacturers' recommended fluids, Shell DONAX® TD is suitable for use in all of the following applications.

- AGCO (Deutz-Allis) Powerfluid 821XL, PF821 Allis-Chalmers 257541
- Case JIC-143, 144, 145, 185
- Case MS-1204 MS-1206(PTF), MS-1207(Hy-Tran Plus), MS-1209, MS-1210 (TCH Fluid)
- Caterpillar TO-2
- Clark
- Dennison HF-0, HF-1, HF-2
- John Deere JDM J20A, B, C(DONAX® TD), J20D (DONAX® TD Low Vis), J14B/C, JD303
- Ford New Holland M2C134-A/B/C/D, M2C53-B, M2C48-B, M2C86-B, FNHA-2-C-200, 201, ESN-M2C41-B, MAT 3505
- Hesston-Fiat AF-87
- Kubota UDT Fluid
- International Harvester IHC B-6 (Hy-Tran) and B5 (also see Case)
- Landini
- Massey Ferguson M1110, 1127A/B, 1129A, 1135, M1141 (Permatran III)
- Minneapolis-Moline
- Oliver Type
- Renk Transmissions
- Steiger SEMS 17001
- Versatile (now New Holland) 23M, 24M
- Vickers M-2950-S, I-286-S, 35VQ25
- Volvo WB-101
- White Farm Q-1826, -1705, -1722, -1766B, -1802 (Type 55) (also see AGCO)
- ZF TE-ML-03E

Typical Properties of Shell Donax® TD

	Test Method	Donax® TD	Donax® TD Low Vis
Property			
Gravity, API	D 1298	28.1	32.1
Viscosity:			
@ 40°C, cSt	D 445	65.2	37.1
@ 100°C, cSt	D 445	10.2	7.7
Viscosity Index	D 2270	142	183
Flash Point, °C (°F)	D 92	220 (420)	200(392)
Pour Point, °C (°F)	D 97	-42 (-44)	-51(-60)
Bulk Mat No		5300400001	5318100001
55 Gal DR Mat No		5300400055	5318100055
5 Gal PL Mat No		5300405203	5318105203
2/2.5 GAL Mat No		5300406205	-
6/1 GAL Mat No		5300406021	-

Handling & Safety Information 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/>.