



Raysun Toliman UTTO (Universal Tractor Transmission Oil)

High performance transmission-hydraulic-wet brake fluid for tractors

Raysun Toliman series are high performance fluids for use in transmissions hydraulic systems, oil immersed brakes of tractors and off-road equipment. These fluids are specially designed for use where a common lubricant reservoir serves transmissions, final drives and hydraulic systems and to optimize the performance of agricultural and commercial tractors. These fluids meet the specifications of major equipment manufacturers of tractors.

Advantages

- Enhanced frictional properties optimize clutch performance and ensure noise free operation of wet brakes
- High viscosity index coupled with high shear stability provides consistent performance
- Excellent low temperature fluidity provides good response and effective lubrication at low ambient temperatures
- Robust anti-wear and extreme pressure properties control wear, extend equipment life and reduce maintenance costs
- Multipurpose capability reduces inventory and prevents accidental contamination and misapplication

Applications

- Tractors and other equipment requiring a common fluid to lubricate transmission, differential and hydraulic systems
- Recommended for off high way equipment in agriculture, construction, quarrying
- Caterpillar power shift transmissions requiring a TO-2 fluid
- .Can be used in transmission applications requiring API GL-4 oil except in hypoid gear designs

NOTE: DO NOT use Raysun Toliman Fluid as an engine oil.

Specifications

- John Deere J20C, 20D, Ford M2C86B,C, Ford M2C134D, J.I Case/Case Int: MS-1204,6,7,9, CNH MAT 3525, 3526, Massey Ferguson M 1135, M 1143, M 1145, Caterpillar TO-2, API GL-4, Allison C-4
- Sperry Vickers/Eaton: M2950S, I-280-S, Saue Sunstand/Danfoss: Hydrosttic Trans Fluid



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ISO Viscosity Grades					ASTM Method	Specification
15W-40	85W	80W	10W-30	10W		
0.876	0.887	0.885	0.863	0.87	D 1298	Density @ 15°C, kg/l
14.5	11.2	9.6	10	6	D 445	Viscosity @ 100°C, cSt.
137	160	145	137	125	D 2270	Viscosity Index
230	214	240	246	220	D 92	Flash Point, °C
-39	-39	-39	-42	-30	D 97	Pour Point, °C

Note: "All of the results are typical and the results of each batch are presented in the COA sheet."