



## THUBAN HD OILS.

Thuban HD Transmission fluids are specifically designed for power shift transmissions, final drives and wet brakes on heavy duty off-highway equipment used in earthmoving, mining logging, road transport and agricultural applications. They are blended from high quality base oils and additives to provide wear protection, thermo-oxidative stability, frictional characteristics and rust & corrosion protection.

TO-4 TRANSMISSION FLUID is suited for power shift and automatic transmissions, wet brake, torque converters and hydrostatic systems requiring these quality fluids. Also suited for heavy duty manual transmissions, gear boxes, final drives and hydraulic systems used in off highway equipments for earthmoving, agricultural, logging, construction and mining applications requiring fluids meeting the below mentioned specifications.

**Specifications:** Caterpillar TO-4, Allison C-4, Dana Power shift transmissions, Eaton Vickers EH-102-7C, Komatsu KES 07-868.1, Komatsu Dresser, Treme/TTC, ZF TEMPL 01,03C,07F and in addition API CF/CF-II.

Property:	Test Method:	Typical Values:		
SAE Viscosity Grade	SAE J300	10W	30	40
Density @ 15°C kg/m <sup>3</sup>	ASTM D4052	878	894	895
Kinematic Viscosity @ 40°C mm <sup>2</sup> /s	ASTM D7042	30.5	88.1	144
Kinematic Viscosity @ 100°C mm <sup>2</sup> /s	ASTM D7042	5.5	10.5	14.5
Viscosity Index	ASTM D2270	115	95	95
Flash Point (COC) °C	ASTM D92	160	180	240
Pour Point °C	ASTM D97	-36	-27	-15
TBN	ASTM 2896	7.5	7.5	7.5
P.Code		1276	1277	

Color Varies from Country to Country. Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. Advice and opinion noted herein are given in good faith and on the basis of the best information available, information is based on past history of the grade only and must not be construed as a guarantee of performance nor any legal liability is accepted by Tesla Corporation or any of its affiliates. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available with your nearest TESLA office or at [www.teslalube.com](http://www.teslalube.com). © Tesla Corporation, 2011

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Revision nr:

### TESLA TECHNOPRODUCTS FZE

(A Subsidiary of York & Boston LLC USA)

Dubai Office: PO BOX 114132, Dubai, UAE

Phone: 971(4) 455 1070: Fax (971) (4) 455 1071 Cell: (971)(50) 1144201

email: [info@teslalube.com](mailto:info@teslalube.com)