

TRANS TDH PREMIUM

Premium performance synthetic wet brake transaxle and transmissions and hydraulics fluid

TRANS TDH PREMIUM is a full synthetic premium quality lubricant intended for use in earthmoving equipment wet brake transaxle and in transmission and hydraulic fluid.

It is especially designed for applications where a Volvo WB 102 fluid or a Volvo Transmission Oil 97304 specification is required.

It achieves outstanding improvements in wet brake and power take off (PTO) chatter control as well as enhanced viscosity retention (shear stability) in field service.

Benefits

- Increased machine productivity and longer service intervals
- Extended gear and hydraulic components protection
- Excellent low and high temperature performances
- Designed for **improved fuel economy** through the reduction of the mechanical energy losses
- Protects against sludge, lacquer and deposits
- Outstanding performance of wet brakes under all operating conditions
- Very good noise prevention

Applications

- Axles of off-road and construction machines that are equipped with built-in wet brakes
- Tractors and other equipment using a common fluid to lubricate heavy-duty transmissions, differentials, final drives, hydraulic systems, power steering systems, wet brakes, PTOs and hydrostatic drives
- May also be used in applications requiring API GL-4, except hypoid gear designs

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Specifications

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Meets or exceeds the following industry Specifications

VCE WB 102 (Volvo 97304)	✓
VCE WB 101 (Volvo 97303)*	✓
John Deere JDM J20C / D*	✓
Massey Ferguson CMS M1135, M1141, M1143 & M1145*	✓
CNH MAT 3505, MAT 3525*	✓
NEW HOLLAND NH 410B / NH 410C*	✓
FORD M2C 134D / FNHA 2C 201.00*	✓
ZF ZFN 13030-13011-13025 (TE-ML 03E/05F/06K)*	✓
CASE MS 1209, 1207 & 1206*	✓
KUBOTA S-UDT*	✓

Typical properties

Test parameters	Method	
Density, Kg/m ³	ASTM D4052	855
Viscosity at 40°C, mm ² /s	ASTM D445	41.2
Viscosity at 100°C, mm ² /s	ASTM D445	7.8
Viscosity Index	ASTM D2270	161
Flash Point, °C	ASTM D92	>200
Pour Point, °C	ASTM D97	- 43

Above characteristics are mean values given as information. They do not constitute a specification.

* Can be suitable when these specifications are recommended but viscosity may be lower than specification.

Health and safety

This lubricant is unlikely to produce any significant health or safety hazard when used in the application it has been designed for and according to the recommendations provided in the Material Safety Data Sheet. MSDS are available upon request through your sales advisor. When disposing of used oil, please observe all current regulations and protect the environment.

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