

Lubricants – Transmission Oils – Automotive

Version: 217/07c

Valvoline™ DT Transmission Oil SAE 50

DT Transmission Oil is a heavy duty powershift transmission and drive train lubricant designed and recommended for applications requiring oils meeting the Caterpillar TO-4 specification.

DT Transmission Oil is formulated from premium base stocks and a select additive system to meet the challenging demands of modern heavy duty equipment.

Performance levels

API CF, MT-1
Caterpillar TO-4
Komatsu KES 07.868.1
Caterpillar TO-2
Eaton Fuller*
Dana*
Euclid*

*for applications where a TO-4 is needed

Applications

DT Transmission Oil is designed for transmissions and drive trains only and should not be used as an engine oil.

The SAE 10W and SAE 30 grades are suitable for use as Allison C-4 fluids.

Suitable for Caterpillar road building equipment with wet brakes.

Available in SAE 10W, 30 and 50.

Features & Benefits

Superior protection

Optimum protection against wear and tear, also under high stress working conditions.

Advanced Additives

Modern additives protect against corrosion, oxidation, foaming, and deposits.

Breakdown resistance

Superior base oils and a highly balanced additive system avoid breakdowns even after long-time use.

Consistent, stable viscosity

Excellent viscosity-temperature properties even at low temperatures. Highly stable viscosity with long lasting properties.

Total drive line oil

Means maintaining fewer products in stock. Helps avoid misapplications.

PRODUCT INFORMATION



Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvolineeurope.com

Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

DT Transmission Oil	
SAE Viscosity Grade	50
Viscosity, mm²/s @ 100 °C. ASTM D-445	18,5
Viscosity, mm²/s @ 40 °C. ASTM D-445	202
Viscosity Index ASTM D-2270	101
TBN, mg KOH/g ASTM D-2896	9,6
Pour Point, °C ASTM D-5949	-33
Specific Gravity @ 15.6°C. ASTM D-4052	0,892
Flash Point, COC, °C. ASTM D-92	284

This information only applies to products manufactured in the following location(s): Europe

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Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <http://msds.valvoline.com>

Protect the environment

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

Storage

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces – 217/06c