

Product Information

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Lubricants – Transmission Oils - Automotive

Version: 210/07

Valvoline™ ATF Type D

Automatic transmission fluid for passenger cars, trucks, and buses.

Also suitable for some hand shifted gearboxes.

Valvoline ATF Type D provides increased protection and lubrication of the automatic gearbox over a wide temperature range.

Approvals/Performance levels

GM Dexron IID
Ford Mercon
MB-236.6
MAN 339 Z-1, V-1 (former Type D).
BMW Group 24
ZF TE-ML-03D, 04D, 09X, 11A, 14A, 17C.
Voith H55.633533 (former G 607).
Voith H55.633540
Voith H55.633541
Allison C-4
Caterpillar TO-2

Applications

Suitable for automatic gearboxes of passenger cars, vans, trucks, and buses where the manufacturer recommends an ATF GM Dexron IID or Ford Mercon.

Can be used in some hand shifted transmissions

Sometimes recommended as hydraulic oil in earth moving machines or hydraulic lifting equipment.

Features and Benefits

Increased protection

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

Advanced additives

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

Breakdown resistance

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

Consistent, stable viscosity

Increased viscosity-temperature properties even at very low temperatures. Highly stable viscosity over a long period.

Friction properties

Special base oils, viscosity index improvers, and friction modifiers contribute special low-friction properties for smooth shifting.

Thermal stability

Resists aging and maintains good thermal stability.

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Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A Material and Safety Data Sheet (MSDS) is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

Protect the Environment

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

Typical Properties

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

ATF type D	
Colour	Red
Viscosity , mm ² /s @ 100 °C. ASTM D-445	8.0
Viscosity , mm ² /s @ 40 °C. ASTM D-445	41
Viscosity Index ASTM D-2270	161
Viscosity , mPa.s -40°C. ASTM D-5293	<50.000
TBN , mg KOH/g ASTM D-2896	3.0
Pour Point , °C ASTM D-5950	-42
Specific Gravity @ 15.6°C. ASTM D-4052	0.859
Flash Point , COC, °C. ASTM D-92	220

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

People Who Know Use Valvoline™

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 including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; 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

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