

PRODUCT INFORMATION



Lubricants – Transmission Oils – Automotive

Valvoline™ ATF DEX/MERC

Automatic transmission fluid for passenger cars blended with premium base oils and additives. Formulated to lubricate automatic transmissions running at higher temperatures.

The formulation based on the premium base oil of Valvoline ATF DEX/MERC has high viscosity index which provides increased protection and lubrication of the automatic gearbox over a wide temperature range.

Performance levels

Allison C-4
Allison TES-389B
AutoTrak II
Ford Mercon
GM Dexron IIIG, IIH
Volvo 97325, 97335, 97340
ZF TE-ML 05L, 09, 21L

Applications

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

Can be used in some manual transmissions.

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

Sometimes recommended as power steering fluid.

Features & Benefits

Increased protection

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

Advanced additives

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

Breakdown resistance

A mixture of premium base oils and a highly balanced additive system avoid breakdowns and stick-slip even after long-term use.

Consistent, stable viscosity

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

Friction properties

Premium base oils, viscosity index improvers, and friction modifiers result in special friction properties for smoother shifting.

Lasting properties

Product resists aging and has excellent thermal stability.

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Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline Global Operations 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 <https://www.valvolineglobal.com/en-eur/> or <http://pisheets.valvolineglobal.com>

Health & Safety

For more information about environment requirements, product safe handling, storage, and disposal, please refer to the product Safety Data Sheet (SDS) available at <http://sds.valvolineglobal.com>

Typical properties

Valvoline ATF Dex/Merc	
Colour	Red
Viscosity @ 100°C, mm²/s ASTM D445	7.2
Viscosity @ 40°C, mm²/s ASTM D445	35.0
Viscosity Index ASTM D2270	176
Viscosity @ -40°C, mPa.s ASTM D5293	< 20 000
Pour Point, °C ASTM D5950	-42
Density @ 15°C, g/cm³ ASTM D1298	0.859
Flash Point, COC, °C ASTM D92	210

*The data provided is for reference only and can be applied only for the specific production location.

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

Effective date: 4/6/2026