



TRANSMISSION OIL

Higher performance means higher demands

Today's gearboxes and transmissions are designed to perform at higher levels than ever before. This in turn demands that high quality and increasingly complex gear lubricants must be used. Valvoline gear oils have been developed following many years of research, development, and field experience. The result is a range of oils that are designed to meet the extreme performance demands of today's gearboxes and transmissions.



AUTOMATIC TRANSMISSION FLUIDS



SynPower® ATF

- > A high-performance fully synthetic automatic transmission fluid exceeding many leading OEM specifications
- > Specially formulated for long-drain interval requirements and ideal for all automatic and powershift transmissions; it is also suitable for industrial and hydraulic systems
- > Provides excellent low-friction properties, outstanding high and low temperature fluidity, and high thermal stability

Performance Levels/ Approvals > SynPower ATF
 GM Dexron IIE, Ford Mercon, MB 236.8, MAN 339 Z-2, 339 V-2 Allison C-4, Caterpillar TO-2, Voith H55.633633 (former Voith G 1363 ZF TE-ML 09X, 11A, 14B, 16L)

MAXLIFE® ATF

Higher kilometer transmissions have different needs. As automatic transmissions age, seals can harden and crack causing leaks. Furthermore, deposit and varnish build-up can cause wear, slippage and rough shifting. MaxLife ATF is the only ATF formulated for vehicles with over 100,000 kilometers. The advanced formulation helps keep the transmission functioning properly and enhances the performance and life of high-kilometer transmissions.



MaxLife ATF Advantages

- > Conditions automatic transmission seals to prevent leaks
- > Reduces varnish formation and wear
- > Improves and maintains smooth shifting longer than conventional ATF's
- > Provides excellent flow at low temperatures and greater film protection at high temperatures
- > Maximizes the life of higher-kilometer automatic transmissions

Performance Levels/ Approvals > MaxLife ATF
 GM Dexron III, IIE, IID; Ford Mercon, Mercon V; Allison C-4, TransSynd*, TES-295; BMW LT 71141, LA 2634, MAN 339 type F, Mazda*, Mini Cooper CVT EXL 799, Toyota T, T-11, T-IV; Chrysler ATF+3; Mitsubishi Diamond SP-II, SP-III; Honda ATF-Z1, MB Approval 236.1, 236.2, 236.6, 236.8, 236.9, 236.11; Nissan D,J,K,-matic, Volvo 1161521, 1161540; Audi G-052-0250-A2, GM9986195, ZF-TE-ML-14B, 16L, 17C, JWS 3309, Voith G 607, 1363; KIA SP-II, SP-III; Suzuki*, VW TL 52162

Material Number Table	1L	20L	60L	208L
SynPower ATF	VE14800			
MaxLife ATF	VE14920	VE14926	VE14937	VE14938



AUTOMATIC TRANSMISSION FLUIDS



ATF Dex/Merc

- > Specially formulated to meet the needs of today's more compact transmissions, running at higher operating temperatures and with electronic control
- > Recommended for use in automatic transmissions, where the manufacturer prescribes a GM Dexron IIE, Dexron III or Ford Mercon fluid

ATF Type D

- > Recommended for use in all automatic transmissions where GM Dexron II, Dexron IID, MB 236.6, ZF TE-ML-/04D/11A/14A/17C, and MAN 339 Z-1, V-1 (former Type D) fluids are specified
- > Can also be used where an ATF Type A is specified, but it is not recommended for Ford M2C-33F/G applications
- > Excellent low-friction properties, even under very cold conditions

Performance Levels/ Approvals > ATF Dex/Merc
 GM Dexron III G-34221, Ford Mercon M-020602, Allison C-4, Nissan, Caterpillar TO-2

Performance Levels/ Approvals > ATF Type D
 GM Dexron IID, Ford Mercon, MB 236.6, BMW Group 24, ZF TE-ML03D/04D/11A/14A/17C, Voith H55.633533 (former G 607), Allison C-4, MAN 339 Z-1, V-1 (former type D), Caterpillar TO-2

Material Number Table	1L	5L	20L	60L	208L
ATF Dex/Merc	VE14820		VE14826	VE14837	VE14838
ATF Type D	VE14840/1/2	VE14851	VE14846	VE14857	VE14858