



# Product Bulletin

## GULF UNIVERSAL ATF

**GULF UNIVERSAL ATF** is a multi-functional ATF incorporating advanced additive technology to meet the challenging demands of automatic transmissions in various North American, European and Asia Pacific vehicles (see approvals/"suitable for use" listings on back page). It is compatible with today's high performance transmission and also provides premium performance in older vehicles.

**GULF UNIVERSAL ATF** is designed to offer exceptional oxidation resistance, low temperature properties, minimize sludge and varnish deposits, and provide good cold-start shifting. This extremely versatile fluid also provides:

- Excellent wear protection/antiwear performance
- Frictional stability
- Good anti-foam properties
- Anti-shudder properties
- Excellent seal compatibility
- Viscosity retention
- Corrosion protection

## GULF UNIVERSAL ATF Typical Properties

	Test Method	
Density, lbs/gal	Calculated	7.09
API Gravity	ASTM D-1298	35.0
Specific Gravity	ASTM D-4052	0.850
Viscosity, cSt @ 40°C	ASTM D-445	35.8
Viscosity, cSt @ 100°C	ASTM D-445	7.6
Viscosity, SUS @ 100°F	ASTM D-2161	167.7
Viscosity, SUS @ 210°F	ASTM D-2161	51.1
Pour Point, °C	ASTM D-5949	-48
Flash Point, °F	ASTM D-92	365
TBN	ASTM D-2896	5.1
Color	ASTM D-1500	Red
<b>Product Code</b>		<b>332023</b>



**GULF UNIVERSAL ATF** is approved for use in Allison C-4, Ford Mercon<sup>®</sup> V, JASO 1-A, Voith 55.6335.XX (G607) and Volvo 97340 applications. It is suitable for use in the following:

Aisin Warner AW-1*	MAN 339 Z1
Audi G 052 025-A2	Mazda ATF-M III
Audi G-052-162-A1	Mazda ATF-MV
BMW 7045E	Mercedes Benz 236.1 / 236.2 / 236.5 /
BMW LA2634	236.6 / 236.7 / 236.9 / 236.10 / 236.11
BMW LT 71141	Mitsubishi Diamond SP-II
Chrysler ATF's	Mitsubishi Diamond SP-III
DEXRON <sup>®</sup>	Nissan Matic-D
DEXRON <sup>®</sup> -II	Nissan Matic-J, Matic-K
DEXRON <sup>®</sup> -II D	Nissan Matic-S*
DEXRON <sup>®</sup> -III G	Shell 3403
DEXRON <sup>®</sup> -III H	Shell LA2634
DEXRON <sup>®</sup> VI*	Subaru ATF, ATF-HP
Esso LT 71141	Texaco ETL-7045E
Ford FNR5	Texaco ETL-8072B
Ford Mercon <sup>®</sup>	Texaco N402
Honda ATF-Z1	Toyota T-III
Hyundai SP-II & SP-III	Toyota T-IV
Hyundai NWS-9638*	Toyota WS (JWS 3324)*
Idemitsu K17	Volvo Pass. Car (4-6 sp)
JWS 3309	Volvo 97341
Kia SP-II	VW G 052 025-A2
Kia SP-III	VW G-052-162-A1
MAN 339F	ZF TE-ML 03D, 04D, 05L, 09, 11B 14A,
MAN 339 V1**	16L, 17C

\* Viscosity Requirement Not Met

\*\* Pending Extended Field Trial

**GULF UNIVERSAL ATF** is not recommended for the following applications:

Allison TES-295	Mercedes Benz 236.8 / 236.12 / 236.14
Allison TES-389	Saab 93 165 147
Ford Type F	Shell M-1375.4
Ford Ford Mercon <sup>®</sup> SP	Voith 55.6336.XX (G1363)
Ford Ford Mercon <sup>®</sup> LV	ZF TE-ML 14B
MAN 339 V2	ZF TE-ML 14C
MAN 339 Z2	CVT & DCT
MAN 339 Z3	

Always consult the equipment owner's manual for proper fluid selection.