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Tel: (305)881-6110 Fax: (305)681-0906 / Miami, FL 33167 www.PETRO-FLORIDA.com

PRODUCT SPECIFICATIONS & TECHNICAL DATA

MULTI-VEHICLE SYNTHETIC ATF

PROPERTIES, BENEFITS AND APPLICATION:

PETROFLO BRAND MULTI-VEHICLE ATF is a special blend of high quality base stocks with an advanced additive system for automatic and power shift transmissions. **PETROFLO BRAND MULTI-VEHICLE ATF** meets the performance requirements of a broad range of automatic transmission applications.

PETROFLO BRAND MULTI-VEHICLE ATF is formulated to provide the protection that meets or exceeds the quality standards in the industry. The specially balanced additive system protects against shudder, eliminates the need to stock ATF supplements and ensures a high-performance smooth driving experience. Carefully balanced friction modifiers allow friction retention for long life performance and maintain the smooth lock-ups required by a wide variety of vehicles. Enhanced oxidation, thermal stability and corrosion resistance helps maintain year-round protection of the transmission components.

PETROFLO BRAND MULTI-VEHICLE ATF has been formulated to be suitable for use as a Service-Fill ATF additive for Asian step-automatic transmissions calling for Toyota T-III and T-IV, Honda Z1, Nissan Matic D and Matic J, and Mitsubishi SP-II and SP-III performance. Also meets the requirements of JASO 1A and other Asian OEM's like Hyundai, Subaru and Mazda. It is suitable for use in automatic transmissions calling for GM DEXRON IIG/H, Ford MERCON and Allison C-4. In addition it meets the requirements of European OEM's like ZF TE-ML-14A, Voith 55.6335, MAN 339 Type Z-1 and MB, VW and BMW 4- and 5-speed automatic transmission specifications.

PETROFLO BRAND MULTI-VEHICLE ATF is not suitable in a few pre-1986 vehicles where Type F fluids are specified, or some recent vehicles equipped with continuous variable transmissions (CVT's). It also is not suitable for 2006 and later GM vehicles requiring DEXRON VI, Ford requiring Type SP, Ford Mercon LV, Toyota WS, Nissan Matic-K, newer Daimler and some other manufacturer's 6 and 7 speed transmissions, or double-clutch transmissions (DCTs) and other specialty transmissions where a low viscosity ATF is recommended or an OEM specific fluid is required. Always check application before using or adding any automatic transmission fluid.

* Check your manual if your vehicle is one of the following: Datsun/Nissan pre 1971, Lincoln pre 1978, Ford/Mercury pre 1981, Toyota per 1983, Volvo pre 1985, Mazda pre 1986, Saab pre 1993.

PETROFLO BRAND MULTI-VEHICLE ATF can be used in some passenger car manual transmissions trucks and buses, off highway construction/mining equipment, agricultural equipment, mobile hydraulic systems, industrial machinery, and power steering systems where DEXRON , DEXRON -II, DEXRON -IIE, DEXRON -III (H), MERCON or MERCON V type fluids are specified.

BENEFITS

- **Use single ATF for many specifications and applications without using ATF supplements**
- **Optimum frictional properties for smooth shifting and excellent anti-shudder performance**
- **Outstanding oxidation and thermal stability**
- **Outstanding cold temperature flow properties**
- **Excellent wear protection**
- **Minimizes sludge and varnish deposits**
- **Excellent rust and corrosion protection**
- **Good seal compatibility**

TYPICAL ANALYSIS

Density, glcm3 @ 15.6°C (60°F)	0.858
Color	Red
Flash Point (COC), °C (°F)	202 (396)
Pour Point, °C (°F)	-45 (-49)
Viscosity:	
cSt @ 40°C	35.0
cSt @100°C	7.4
SUS @100°F	77
SUS @ 210°F	50.9
Viscosity Index	190

The above analyses are typical inspections only and the finished product may vary from batch to batch.

**Multi-Vehicle Automatic Transmission Fluid
(Not for Type F and not for CVT (Continuous Variable Transmission applications**

ORIGINAL EQUIPMENT MANUFACTURER	MODELS	MODEL YEARS	OK to USE where these fluids are specified	DO NOT USE where these fluids are specified
Acura	All	1982-2007	Dexron II, Honda ATF-Z1	Dexron VI
Alfa Romeo	All	1982-2007	Dexron II	Dexron VI
AM General	Hummer, Alliance 1983-1997, Encore 1983-1986, GTA 1987	All	Dexron III	Dexron VI
AMC/Renault	All except: 2003TTw/6 speed automatic: models w/CVT transmissions		Dexron II, Mercon	Dexron VI
Audi	All except: 2001-04 models w/GA6HP10Z OR GA6HP26Z 6-SPEED	1982-2007	Dexron II, Esso LT 71141	Dexron VI, Part No. G 052 180 (A2), (CVT), Part No. G 052 025 (A2)
BMW	AUTOMATIC: 2003 7451	1982-2007	Dexron II, III, Esso LT	Dexron VI, Shell ATF
Buick	All	1982-2007	Dexron III	Dexron VI
Cadillac	All	1982-2007	Dexron III	Dexron VI
Chevrolet/Geo/GMC Trucks	All	1982-2007	Dexron II, III, AC Delco T-VI	Dexron VI
Chrysler/Dodge/Plymouth	All	1982-2007	Mopar ATF-Plus, ATF +3, ATF +4, Shell ATE 3403	Dexron VI
Daewo	All	1999-2002	Dexron III	ATE Type F, Mercon SP
Eagle	All	1982-2004	Diamond SP-III ATF, Mopar ATF-Plus, ATE +3, ATE	Dexron VI, Genuine
Ford/Lincoln/Mercury	All	1982-2007	Mercon, Mercon V	ATE Type F, Mercon SP
Ford Trucks	All except: 1998-2005 models w/5R1 1 OW; 1997-2005 models w/zf 6hp26	1982-2007	Mercon, Mercon V	ATE Type F, Mercon SP
Honda	All except: models with CVT transmissions	1982-2007	Dexron II, Honda ATF-Z1	Dexron VI, Honda CVT Fluid
Hyundai	All	1982-2007	Hyundai SP-11, SP-III, ATE Mopar ATE-Plus Dexron III, Nissan	Dexron VI, Nissan
Infiniti	All except: 2002-03 Q45; 2003 G35, 2004 EX35, EX45, QX56	1982-2007	Matic D	Matic J ATE
Isuzu	All	1982-2007	Dexron II, III, Isuzu Genuine ATE	Dexron VI
Jaguar	See product recommendation	1993-2007	Dexron II, III, Esso LT71141, Mercon V, Shell ATE 3403 M115	ATE Type E, Shell ATE M-1375-4
Jeep	All	1982-2007	Dexron II, Mercon, Mopar ATE-Plus, ATE +3, ATE +4, Shell ATE 3403 M115	
Kia	All	1982-2007	Dexron II, III, Kia ATE SP-111	Dexron VI
Land Rover	All except: 2002-2005 Freelander, 2005 LR3	All	Dexron II, III, Esso LT 71141	Dexron VI, Shell ATE M-1375-4, Texaco

ORIGINAL EQUIPMENT MANUFACTURER	MODEL	MODEL YEARS	Okay to USE where these fluids are specified	DO NOT USE where these fluids are specified
Lexus	All except: 2004-05 LS430, LX 470, GX 470	1982-2007	Dexron III, ATF Type T, ATF Type T-IV	Dexron VI, ATF Type WS (Part No. JWS3324)
Mazda	All except: 2003 Mazda6, models requiring Type F	1982-2007	Dexron II, III, Mercon, Mercon V	Dexron VI, ATF M-V
Mercedes-Benz	5-speed automatic 1996-1999, All others 1982-2004		Dexron II, III, Shell ATE 3403 M115	Dexron VI
Mini	None	2002-2007	None	Esso CVI EZL 799
Mitsubishi	All	1982-2007	Dexron II, Diamond SP, SP-II, SP-111, Mitsubishi Plus ATE	Dexron VI
Nissan	All except: 2003-2005 Marano w/CVT, 2003-2005 350Z, 2004-2005 Pathfinder & Titan, 2005 Pathfinder Armanda & Xterra	1982-2007	Dexron II, III, Nissan Matic D ATE, Nissan Matic K ATE	Dexron VI, Nissan CVT Fluid NS-2, Nissan Matic J ATE
Oldsmobile	All	1982-2007	Dexron III	Dexron VI
Pontiac	All	1982-2007	Dexron II, III, ATE Type T-IV	Dexron VI
Porsche	All	1982-2007	Dexron II, III, Esso LT 71141, Shell ATE 3403 M 115, ATE	Dexron VI, Dex-CVT Fluid (Part No. 22688912)
SAAB	All except: 2005 9-3 w/16-speed automatic, models requiring Type F	1982-2007	Dexron II, III, SAAB 3309	Dexron VI, Dex-CVT Fluid (Part No. 22688912)
Saturn	All except: models w/CVT transmissions	1991-2007	Dexron III, Honda ATF-Z1, Saturn T-IV	Dex-CVT Fluid (Part No. 22688912)
Scion	All	2004-2007	ATE Type T-IV	Dexron VI,
Sterling	All	1987-1991	Dexron II	Dexron VI
Subaru	All except: models w/CVT transmissions	1982-2007	Dexron III	Dexron VI
Suzuki	All	1982-2007	Dexron III, Esso LT 71141 ATE Type I, ATE Type T-IV, Dexron II, III	Dexron VI
Toyota	All except: 2004 4-Runner w/5-speed automatic, 2004 Land Cruiser, 2004-2005 Prius, Models requiring Type F	1982-2007	Dexron II, Esso LT 71141, ATE Type I- IV	Dexron VI, ATE Type WS (Part No. JWS3324 or NWS9638)
Volkswagen	All except: 2001-2003 Golf & Jetta w/09A 5-speed	1982-2007	Dexron II, III, ATE	Dexron VI, Part No. C 052 990 (A2)
Volvo	All except: 1999-05 XC90 W/AW50AWD, Models	1982-2007	Type T-IV	Dexron VI