



Low Viscosity Multi-Vehicle Transmission Fluid

STARFIRE Full Synthetic, Low-Viscosity, Multi-Vehicle Automatic Transmission Fluid is an advanced formula utilizing superior additive technology and 100% synthetic base oils, helping to ensure peak performance of almost any automatic transmission.

BENEFITS

- Delivers superior friction stability to maintain smooth, consistent shifting and prevent shudder
- Provides a strong oil film to prevent metal-to-metal contact between rotating parts to prevent wear.
- Resists thickening due to high operating temperatures

APPLICATIONS

STARFIRE Full Synthetic Low-Viscosity Multi-Vehicle ATF is formulated for use where Dexron®-VI and MERCON® LV transmission fluids are recommended. (Please see page 2-4 for more applications)

- Audi/VW: G 052 025, 052 162, 055 025, GUS 000 162
- GM DEXRON®III, II
- Honda: DW-1, Z-1
- Hyundai/Kia/Mitsubishi: SP-II, SP-III, SP-IV
- Mazda ATF M-III, MV, T-IV
- Nissan: Matic-D, J, K, 402
- Subaru: ATF, ATF-HP
- Toyota: WS, T-IV, T-III, T-II

TYPICAL PROPERTIES

Description	ATF FULL SYN
Brookfield Viscosity at -40°C, cP	10,300
Color	Red
Flash Point °C	220
Flash Point °F	428
Gravity, °API	35.6
Pour Point °C (°F)	-51°C (-60°F)
Specific Gravity @ 60°F (15.6°C)	0.8468
Viscosity @ 100°C cSt	5.797
Viscosity @ 40°C cSt	28.56
Viscosity Index	151

Dexron VI	Approved
Mercon LV (XT-10-QLV)	Approved
Allison TES-389	Recommended for use in application calling for this specification
BMW P/N 83 22 0 024 359, ETL-8072B	Meets Requirements
GMN10060	Meets Requirements
Mercon, Ford ESP-M2C166-H	SFU, Vis Requirements not met
XT-6-QSP, XT-6-DSP, except 6HP26 / 6R60/ 6R75 transmissions	SFU, Vis Requirements not met
Allison C-3	Suitable for Use
Allison C-4	Suitable for Use
Audi 5 HP LT71141, G 052162-A1/A2, G052 025 A2	Suitable for Use
Audi G 052 025, 052 162, 055 025	Suitable for Use
BMW 7045E, LA2634, LT71141	Suitable for Use
BMW JWS 3309, LA2634, ZF 5HP18FL, 5HP24, 5HP30, Mini	Suitable for Use
BMW P/N 83 22 0 0246 922, ETL-7045E	Suitable for Use
BMW P/N 83 22 0 403 249, ETL-8072B	Suitable for Use
BMW P/N 83 22 9 407 765, LA 2634	Suitable for Use
BMW P/N 83 22 9 407 807, LT 711 41	Suitable for Use
Chrysler AS68RC, Diamond SP-III	Suitable for Use
Chrysler P/N 05127382AA, P/N 68043742AA	Suitable for Use
Daewoo LT 71141	Suitable for Use
Daihatsu AMMIX ATF D-II, D-III SP	Suitable for Use
Dexron III G/H, Dexron II, Dexron, AW1	Suitable for Use
Esso 71141	Suitable for Use
Fiat T-VI, JWS 3309	Suitable for Use
Ford FNR5	Suitable for Use
Ford M2C138-CJ	Suitable for Use
Ford M2C166H, 138CJ, 922A1, 924A, JWS 3309	Suitable for Use
Fuchs 3353	Suitable for Use
FUSO ATF-II, SPIII, A4	Suitable for Use
Honda DW-1, Z-1	Suitable for Use
Hyundai/Kia/Mitsubishi Diamond SP-II and SP-III, RED-1, SP-IV	Suitable for Use
Hyundai/Kia SP-IV M, RR Dex-II/SP-II, JWS 3314, 9683	Suitable for Use
Hyundai NSWS9638	Suitable for Use
IDEMITSU APOROIL ATF HP	Suitable for Use
ISUZU 08200-9001 / Genuine ATF	Suitable for Use
Jaguar ATF 3403 M115, LT71141, ZF 5HP24, JLM20238	Suitable for Use
Jaguar P/N WSS-M2C922-A-1	Suitable for Use
Jaso M315-2013 1A, 1A-LV, 2A	Suitable for Use

JWS 3309, Any 3309	Suitable for Use
JWS 3324	Suitable for Use
Lexus JWS 3309	Suitable for Use
M315-2004 JASO 1A, 2A	Suitable for Use
MAN 339 Type V2	Suitable for Use
MAN 339 Type Z1, Z2, V1	Suitable for Use
Mazda ATF D-II, M-III, M-V, FZ, F-1, S-1, N-1, 3317	Suitable for Use
Mazda ATF M-III, MV, T-IV	Suitable for Use
MB 223.2, 236.1, 236.2, 236.10, 236.12, 236.41, 236.5, 236.6, 236.7, 236.8, 236.9	Suitable for Use
Mini Cooper T-IV	Suitable for Use
MINI P/N 83 22 0 402 413	Suitable for Use
Mitsubishi Diaqueen SK, AW, J2, J3, PA	Suitable for Use
Mopar AS 68 RC, JWS 3309	Suitable for Use
NAG-1	Suitable for Use
Nissan Matic-D, J, K	Suitable for Use
Nissan Matic, J, S	Suitable for Use
Opel	Suitable for Use
Peugeot ZF 4HP20	Suitable for Use
Porsche P/N 999 917 547 00 (A2)	Suitable for Use
Porsche ZF 5HP19FL, ZF 5HP20, LT71141, ATF 3403-M115, T-VI, JWS 3309	Suitable for Use
SAAB P/N 22 717 466, 93 165 147 (AW-1)	Suitable for Use
Saturn P/N 21005966	Suitable for Use
Saturn T-IV, GM TASA, T-IV ATF, GM WS ATF	Suitable for Use
Scion	Suitable for Use
Shell 3403, LA2634, Texaco 7045-E, ETL-8072B	Suitable for Use
Shell 3403 M115	Suitable for Use
Subaru ATF 5AT, Dex II, AT OIL 5D06,	Suitable for Use
Subaru ATF, ATF-HP	Suitable for Use
Suzuki ATF 2326, 2384K, JWS 3309, 3314	Suitable for Use
Texaco N402	Suitable for Use
Toyota D-II, D-III	Suitable for Use
Toyota T-II, T-III, T-IV, WS, Ford XT8QAW	Suitable for Use
Type A	Suitable for Use
Voith 55.6335 (G607)	Suitable for Use
Volvo Passenger Car (4 / 6 sp), Volvo 97340, 97341, 97342	Suitable for Use
Volvo P/N 1161540-8	Suitable for Use
VW 5 HP ZF5 HP 30, 18FL, 30, 19FL, 24A, G-055-025 A2, TL 521 62	Suitable for Use
VW G 052 025, 162, 099, 055 025	Suitable for Use

VW P/N GUS 000 162	Suitable for Use
VW TL52162 (LT71141)	Suitable for Use
ZF all 3 & 4 speed trans.	Suitable for Use
ZF TE-ML 02F, TE-ML 03D, TE-ML 04D, TE-ML 09, TE-ML 11A	Suitable for Use
ZF TE-ML 14A, TE-ML 14B, TE-ML 14C, TE-ML 16L, ZF TE-ML 17C	Suitable for Use
CAT TO-2	Suitable for Use
Hino Blue Ribbon ATF	Suitable for Use
ISUZU BESCO ATF-II, III	Suitable for Use