

## PRODUCT INFORMATION



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# L-613-S AUTOMATIC TRANSMISSION FLUID (SYNTHETIC)

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## DESCRIPTION

**L-613-S Full Synthetic ATF** is a full synthetic premium fluid designed for automatic transmissions of all North American, European, and Asia-Pacific-made vehicles. **L-613-S Full Synthetic ATF** provides exceptional oxidation, wear, frictional stability, sludge and deposit prevention, and anti-shudder properties required in today's high performance transmissions. It is also designed to deliver premium performance in older transmissions.

## APPLICATIONS

**L-613-S Full Synthetic ATF** meets or exceeds requirements of Ford's Mercon V and will perform in Mercon SP, Dexron-VI and Toyota WS applications. It is suitable for Chrysler vehicles where ATF+4 and ATF+3 are required and can also be used where fluids meeting Ford WSS-M2C922A1 or Ford M2C924-A specifications are required. **L-613-S Full Synthetic ATF** is also recommended for Mercedes transmissions. It exceeds Allison C4 specifications.

Not recommended for use where Ford Type F/G, DCTs, and CVTs fluid is required.

### **Meets Performance Requirements:**

- See table below for Specific Manufacturer's Applications

ALWAYS CONSULT YOUR OWNERS MANUAL FOR THE PROPER FLUID FOR YOUR EQUIPMENT

Product Specifications	Results
Specific Gravity @ 60° F	0.8640
Viscosity Kinematic cSt at 40°C ----- cSt at 100°C -----	34.0 7.3
Viscosity Index	192
Viscosity, Brookfield cP at -40°C Max	13,000
Flash Point, °F	370
Pour Point, °C (°F)	-55 (-67)
Color	RED

**Typical test data are average values only. Minor variations which do not affect product performance are to be expected during normal manufacturing.**

### **SPECIFIC MANUFACTURERS APPLICATIONS**

AE (LT71141 – ZF 5 Speed)  
Alfa Romeo (all vehicles)  
Aisin Warner AW-1, JWS 3309, JWS 3324, M315 A-1, T IV  
Allison C-3, C-4  
Allison TES 295  
Allison TES 389  
American Motors ATF +3 (SM7176-E, ATF+4 (MS9602)  
AS 68 RC (T IV)  
ATF Type A Suffix A  
Audi/VW G 052 025-A2  
Audi/VW G-052-162-A1, G-060-162 A2  
Audi 5 HP LT 71141 (ZF 5 HP 18 FL, 19FL, 24A)  
Audi 5 HP LT 71141 (G-052-162-A1, A2)  
Audi 5 HP (ZF 5 HP 30)  
Audi/VW G-055-025-A2 (JWS 3309)  
Audi/VW G-052-990-A2, 055-005A2, 055-162, A2, 055-540, A2  
BMW ETL-7045, 7045E (83 22 0 026 922)  
BMW 7045E (3 series)  
BMW LA2634  
BMW 5 HP LT 71141 (ZF 5 HP 18 FL, 19FL, 24A)  
BMW 5 HP LT 71141 (83 22 9 407 807)  
BMW 5 HP (ZF 5 HP 30)  
BMW ETL-8072B (83 22 0 024 359)  
BMW MINI 83 22 0 402 413 9 (JWS 3309)  
BMW 5 Series (Texaco ETL-8072B)  
BMW 83-22-0-142516, 397114, 403249  
BMW 83-22-2-152426, 163514  
BMW 83-22-9-400272, 400275, 407765, 407858, 407 859  
Caterpillar Power Shift TO-2  
Chrysler/Eagle ATF +3 (MS 7176-E)/+4 (MS 9602)  
Chrysler Dodge MOPAR AS 68 RC (T IV)  
Daewoo LT 71141  
Daihatsu Alumix Multi  
Daimler NAG-1  
DSIH 6p805  
Esso LT 71141  
Fiat (All vehicles), TYPE T IV  
Ford/Mazda V (XT-9-QMM5, FNR 5)  
Ford MERCON® (XT-2-QDR, XT-2-QSM SYN), ESR-M2C-163-A2  
Ford MERCON® V  
Ford MERCON® LV  
Ford MERCON® SP

FORD WSS M2C 922 A1, 924-A (XT-8-QAW) (JWS 3309)  
GM DEXRON®, DEXRON® II, IID, IIE, III, III F/G/H  
GM DEXRON® VI  
GM T IV  
GM Type A  
GM 88900925, GM9986195 (Aisin AW, JWS 3309)  
Honda/Acura ATF Z1, DW-1, Premium  
Honda Z-1  
Hyundai NWS-9638, SP-II, SP-III, SP-IV, Apollo Red 1K, JWS 3314  
Idemitsu K17, Jatco 3100 PL085, ATF Red 1  
Isuzu Besco ATF II, ATF III, Genuine ATF  
Jaguar ATF 3403 M115, LT 71141, jlm 20238, 8342  
JASO 1A, 1A-LV  
JASO 2A-02  
JATCO FWD in Nissan, Rover 800, VW Polo (Texaco N402)  
JATCO – Jaguar X Type 2001-2005 (Idemitsu K-17)  
JATCO 3100 PL085  
JEEP ATF+3, ATF+4  
JWS 3309 (Aisin Warner)  
JWS 3309 (T-IV)  
JWS 3324 (WS)  
Kia ATF Red 1, SP-II, SP-III, SP-IV, Apollo Red 1K  
Land Rover LT 71141  
MAN 339F, V1, V2, Z1, Z2, Z3  
Mazda ATF-M III  
Mazda ATF – MV

**Mercedes Benz 223.1, 236.1, 236.2, 236.3, 236.5, 236.6, 236.7, 236.8, 236.9, 236.8,  
236.10, 236.11, 236.12, (NAG ½), 236.14, (Sprinter), 236.15, 236.41, 236.81**

MB ZF 4 HP20  
MB 5 Speed 1996-2006 (Shell 3403)  
MB 722.3, 722.4, 722.5, 722.6, 722.9  
Mini Cooper 83 22 0 402 413 9 (JWS 3309, T IV)  
Mitsubishi Diamond SP-II, SP-III, SP-IV, J2, Dia , ATF PA  
Nissan/Infinity Matic D/J/K/S/W 402  
NAG 1 (Jeep Cherokee), NAG 2 (Chrysler)  
Opel (All vehicles)  
Peugot ZF 4 HP20, AL-4 (PSA)  
Porsche ATF 3403-M115, LT 71141, T IV (JWS 3309)  
Queen J2, J3  
Renault DP-0  
Renk Doromat  
SAAB T IV (JWS 3309), 93 165 146, 93 165 147  
Saab AW-1 (93 165 147), 93 160 393, Aporoil  
Saturn T IV (JWS 3309), 22689186  
Scion (all vehicles)

Shell M 115, L12108  
Shell 3403, 3353, LA 2634, M-1375.4,.5, .6, M-12108, ATF-134  
SP-II  
SP-III  
Subaru ATF, ATF HP, K0140Y0700, SOA868V9241  
Suzuki ATF 3309, 3314, 3317  
Texaco ETL-7045E  
Texaco ETL-8072B, N402  
Toyota T-II/T-III/T-IV, D-2  
Toyota WS  
Voith G607 G13636 (55.6336.XX)  
Voith Turbo H55.6335.3X  
Volvo 97340, 97341, T IV (JWS 3309), Pass. Car  
Volvo 1161521, 1161540, 1161640, 1161621, 31256774, 31256675  
VW 5 HP LT 71141 (ZF 5 HP 18FL, 19FL, 24A)  
VW 5 HP LT 71141 (VW G-052-162-A1, A2)  
VW 5 HP (ZF 5 HP 30)  
VW TL 521 62  
VW TL52162, 52533  
ZF 3 and 4 speed transmissions  
ZF S671 090 255 (6-Speed)  
ZF TE ML 02F, 03D, 04D, 05L, 14A, 14B, 14C, 16L, 16M, 17C, 21L  
ZF TE-ML-09, 20B, 20C  
ZF TE-ML 11A and 11B

NOT RECOMMENDED FOR USE  
Ford Type F / G  
DCTs

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