PRODUCT DATA SHEET

# DX6 LV ATF

Full Synthetic Low-Viscosity ATF — DEXRON® VI and MERCON® LV

Rev: 2026-05-15

## DESCRIPTION

TRIAX DX6 LV ATF is a full-synthetic low-viscosity automatic transmission fluid engineered to meet GM DEXRON® VI and Ford MERCON® LV core specifications, with broad coverage across European and Asian low-viscosity ATF applications including BMW, Mercedes-Benz, Volvo, Audi/VW, Aisin Warner, Toyota/Lexus, Honda/Acura, Hyundai/Kia, Mitsubishi, Nissan/Infiniti, and Subaru. The formulation leverages premium synthetic base oils and a custom-built friction-modified, high-anti-wear additive system to deliver smooth shift quality, exceptional shear and oxidation stability, and long-term protection of clutch packs, valve bodies, and torque converters. Designed for extended drain intervals up to 100,000+ miles — or fill-for-life service in passenger applications — the synthetic chemistry handles cold-temperature startup, sustained high-load operation, and severe-service towing and hauling, prevents shudder and slip, and maintains stable viscosity and shift quality across the full operating temperature range. SEE PAGE 2 for the Full Spec List.

## PERFORMANCE HIGHLIGHTS

- Up to 100,000+ mile extended drain intervals; capable of fill-for-life service in normal-duty passenger applications*
- **Cold flow to -60 °C (-76 °F)** for instant cold-weather torque-converter engagement; **VI 167** holds shift quality stable from sub-zero starts through sustained high-temperature service
- **High shear and oxidation stability** maintains viscosity and shift quality over the full service interval; advanced anti-wear chemistry protects clutch packs, valve bodies, and planetary gear sets
- **Exceptionally smooth shifting** with superior anti-shudder friction modification — eliminates clutch slip, gear chatter, and torque-converter vibration
- **Heavy-duty load-bearing capacity** for smooth, efficient torque transfer under towing, hauling, and sustained high-load truck operation
- **Built-in seal conditioners** preserve seal flexibility and prevent cracking, hardening, or leak development — extends seal service life across all transmission types
- **High corrosion inhibitor content** with defoamers and viscosity stabilizers for long-term protection of internal transmission components
- **Multi-vehicle coverage** — meets GM DEXRON® VI and Ford MERCON® LV core specifications plus a wide range of European and Asian low-viscosity ATF applications (SEE PAGE 2 for Full Spec List)

**Drain interval represents maximum capability in mechanically sound transmissions with regular service. Fill-for-life service is appropriate only where the OEM does not mandate a specified drain interval; severe-service applications (towing, hauling, fleet use, off-road) require shorter intervals. Always consult OEM service guidelines for vehicle-specific intervals.*

## SPECIFICATIONS & APPLICATIONS

TRIAX DX6 LV ATF is purpose-built as a direct replacement for GM DEXRON® VI and Ford MERCON® LV, covering low-viscosity ATF applications across US, European, and Asian passenger cars, SUVs, light trucks, and heavy-duty trucks. Compatible with BMW, Mercedes-Benz, Audi/VW, Volvo, Aisin Warner, Honda/Acura, Toyota/Lexus, Hyundai/Kia, Mitsubishi, Nissan/Infiniti, Subaru, Chrysler/Dodge/Jeep, and Jaguar/Land Rover LV applications.

**Meets or exceeds the following primary OEM ATF specifications — SEE PAGE 2 for Full Spec List:**

- GM DEXRON® VI (core specification)
- Ford MERCON® LV (core specification); MERCON® SP
- Ford WSS-M2C938-A; XT-10-QLV, XT-10-QLVC, XT-10-DLV
- Aisin Warner AW-1; ATF 134
- BMW ATF 3 and ATF 3+; BMW LT-3
- Mercedes-Benz 236.12, 236.14, 236.41; MB 722.9 (NAG-2)
- Jaguar / Land Rover Shell M-1375.4; VW / Audi G 055 005, G 055 540, G 060 162; Volvo 31 256 774, 31 256 775
- Honda / Acura ATF-DW1; Acura ATF Type 3.0
- Toyota / Lexus Type WS; JWS 3324; NWS-9638
- Hyundai / Kia SP-IV; Mitsubishi Diamond SP-IV; Nissan Matic S; Subaru ATF

## TYPICAL PROPERTIES

| Parameter (Test Method) | Typical Value |
|---|---|
| Viscosity, Kinematic @ 40 °C, cSt (ASTM D445) | **29.5** |
| Viscosity, Kinematic @ 100 °C, cSt (ASTM D445) | **6.2** |
| Viscosity Index (ASTM D2270) | **167** |
| Flash Point, °C (°F) (ASTM D92) | **209 (408)** |
| Pour Point, °C (°F) (ASTM D97) | **-60 (-76)** |
| Specific Gravity @ 60 °F (ASTM D1298) | **0.848** |

*These are typical values. There may be small differences in actual values which are a normal part of production and do not affect product performance.*



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## FULL SPEC LIST

*Complete OEM cross-reference for TRIAX DX6 LV ATF. Compatible with virtually all low-viscosity ATF applications listed below. Always verify OEM compatibility against the vehicle owner's manual before service.*

**Core Specifications:** GM DEXRON® VI; Ford MERCON® LV
**Aisin Warner:** AW-1; ATF 134
**BMW / Mini:** ATF 3; ATF 3+; LT-3; 83 22 0 142 516 (M-1375.4); 83 22 2 152 426 (M-L12108); 83 22 0 432 807; 83 22 0 397 114; 83 22 2 289 720; 83 22 2 305 397; MTF-LT-3
**Chrysler / Dodge / Jeep:** 68157995AA; 68157995AB; 68218925AA; 68218925GA
**Ford:** MERCON® LV; MERCON® SP; WSS-M2C938-A; XT-10-QLV; XT-10-QLVC; XT-10-DLV
**GM:** DEXRON® VI
**Honda / Acura:** ATF-DW1; Acura ATF Type 3.0
**Hyundai / Kia:** SP-IV
**Jaguar / Land Rover:** Shell M-1375.4
**Mercedes-Benz:** MB 236.12, 236.14, 236.41; 722.9 (NAG-2); Fuchs ATF 3353
**Mitsubishi:** Diamond SP-IV; Dia Queen ATF J3
**Nissan / Infiniti:** 999MP-MTS00P; Nissan Matic S
**Shell:** L12108; 3403 M115
**Subaru:** SOA635047
**Toyota / Lexus:** Toyota Type WS; JWS 3324; NWS-9638
**VW / Audi:** G 055 005; G 055 540; G 060 162
**Volvo:** 31 256 774; 31 256 775

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