



PRODUCT INFORMATION & DATA SHEET

ATF 6 DEXRON VI / MERCON LV

Highly demanding multi-vehicle ATF.

Highly shear-stable and fuel-efficient transmission fluid with lowered viscosity properties, engineered with high-performance 100% base stocks and cutting-edge additives, comply with the highest performance requirements of Ford MERCON LV, GM DEXRON VI, JASO M315 1A-LV, JWS 3324 and ZF 8HP 8AT specifications, making it perfectly suitable for 5, 6, 7, and 8 speed gear configurations in a wide variety of contemporary passenger cars, SUVs and light-duty trucks. This DEXRON VI fluid delivers superior anti-shudder, anti-wear, friction durability, thermal-oxidative stability, foam resistance, and seal compatibility, surpassing the performance of earlier DEXRON fluid generations. The lowered viscosity results in smoother transmission operations, boosting fuel economy.

Performance levels

Aisin Warner AW-1/ JWS 3324, Bentley P/N PY112995PA, BMW Mini ATF 6/ L12108/ M1375.4/ M1375.6, FCA SP-IV-M, Ford MERCON LV/ MERCON SP/ M2C938-SF/ P/N XT-10-QLV, GM DEXRON HP/ DEXRON VI, Honda ATF Type 3.0/ 3.1/ DW-1/ Z1, Hyundai Kia NWS 9638/ SP-IV/ SP-IV-M/ SPH-IV/ SP-IV-RR, Isuzu SCS, JASO M315 1A-LV, Jaguar Land Rover 8432/ TYK500050/ LR022460:LV, Maserati P/N 231603, Mazda ATF-FZ, MB 236.12/ 236.14/ 236.15/ 236.41, Mitsubishi ATF-J3/ ATF-PA, Nissan Matic S/ W, Porsche P/N 000.043.30400, PSA EAT6, Subaru ATF WS, Toyota ATF T-IV/ WS JWS 3324, VW G055 005/ G055 162/ G055 540/ G060 162, Volvo P/N 31256775/ 31256776, ZF 5HP 5AT/ 6HP 6AT/ 8HP 8AT

The benefits of using ATF 6

- Boasts excellent fluidity in cold climates and maintains a strong oil film under extremely high temperature, safeguarding gear components with maximum protection.
- Designed with carefully chosen 100% synthetic base stocks to enhance thermal and oxidative resistance, ensuring an extended fluid and service life.
- Featuring the most advanced additive package, this fluid offers strong protection against foam, corrosion, varnish, gum, and sludge formation.
- Improved friction characteristics versus previous GM ATFs, it offers excellent torque transfer, quicker shift responses, fuel efficiency, and noise reduction benefits.
- Optimized oil flowability and cutting-edge anti-wear technologies, enhancing protection against scuff and wear, particularly in challenging traffic and idling conditions.

Areas of application

For a wide range of 5, 6, 7, and 8 speed gear configurations and power steering systems across European, American and Asian manufacturers that require any of the specification of this fluid. This fluid represents an all-inclusive formulation geared to exceed the exacting requirements of Aisin Warner AW-1, Honda DW-1, Hyundai SP-IV, Mazda FZ, Nissan Matic S, Toyota WS, and various other demanding specifications.

Typical properties

Fluid Colour		Red
Viscosity Index (VI)	ASTM D2270	154
Viscosity at 100 °C; mm ² /s	ASTM D445	6.0
Viscosity at 40 °C; mm ² /s	ASTM D445	29.8
Density at 15 °C; kg/m ³	ASTM D4052	847.0
Foam Test	ASTM D892	Pass
Flash Point; °C, open cup	ASTM D92	218
Pour Point; °C	ASTM D97	-45

Service recommendation

This fluid with uniquely crafted viscosity properties is backward serviceable with previous Ford MERCON V and GM DEXRON III-H specifications. However, Ford ATF Type F and GM DEXRON II specifications are not supported. This fluid should not be used in any CVT and DCT gear systems unless recommended by the manufacturer.

We recommend to drain and replace with new fluid according to the manufacturer's operating instructions. Observe owner's manual. Always check on fluid fill level whenever and during regular service interval.

Commercially available product compatibility

Compatible with 100% synthetic, synthetic and conventional ATFs of the same performance specifications. However, peak performance is guaranteed only when used alone, without mixing with others.

Product availability

This product may not be available locally. Contact your local distributor.

The information show herein is subject to change without noticed. The product indicated here have been developed by PRINCE LUBRICANTS for use in the areas of applications shown. We reserve all right to alter the characteristics and product properties to align with continually technical development.