



PRODUCT INFORMATION & DATA SHEET

ATF 6 DEXRON VI / MERCON LV

Highly demanding lowered-viscosity multi-vehicle ATF.

A fuel-efficient, low-viscosity ATF comply with the rigid performance requirements of Ford MERCON LV, GM DEXRON VI, JASO M315 1A-LV and JWS 3324 for a wide variety of modern 6, 7 and 8 speed automatic transmissions application. This excellent transmission fluid features significant performance improvement on friction durability, low-temperature flowability, thermal-oxidative stability, foam resistance versus previous generation MERCON V / DEXRON III-H fluids.

Performance levels

Aisin Warner AW-1/ JWS 3324, BMW ATF 6/ L12108/ M1375.4/ M1375.6, Fiat Chrysler Automobile SP-IV, Ford MERCON LV/ MERCON SP/ M2C938-SF, GM DEXRON HP/ DEXRON VI, Honda ATF Type 3.0/ 3.1/ DW-1, Hyundai/Kia NWS 9638/ SP-IV/ SP-IV-M/ SPH-IV/ SP-IV-RR, Isuzu SCS, Jaguar SCS/ 8432, JASO M315 1A-LV, Land Rover LR022460:LV, Mazda ATF-FZ, MB 236.12/ 236.14/ 236.15/ 236.41, Mitsubishi ATF-J3/ ATF-PA/ SP-IV, Nissan Matic S/ Matic W, Porsche P/N 000.043.30400, Subaru ATF WS, Suzuki ATF 3324, Toyota ATF WS/ JWS 3324, VW G055 005/ G055 162/ G055 540/ G060 162, ZF Lifeguard Fluid 6HP/ Lifeguard Fluid 8HP/ S671 090255

Some of the benefits of using this transmission fluid

- Designed with 100% synthetic base stock to significantly enhance heat resistance and viscosity stability for a longer fluid and service life.
- Excellent lubricant flow in low winter temperatures and stable oil film at high operating temperatures to delivers maximum component protection.
- Fortified with advanced cleaning and dispersion agents to resist contamination, varnish deposits and sludge formation.
- Improved frictional properties offering superb torque transfer ability, quicker shift response, fuel economy benefits and noise elimination.
- Outstanding anti-wear and shear-stable technologies enhanced damage wear and tear protection under traffic idling operating situations.

Areas of application

This ATF is designed especially for the most demanding application in 6, 7 and 8 speed automatic gear and power steering systems required using a DEXRON VI, MERCON LV and ZF 6HP / 8HP gear fluid.

This product is compatible with the older DEXRON III-H and MERCON V specifications to be applied in particular type of 5 speed transmission configurations. However, we recommend to observe manufacturer's recommendation on service suitability.

This fluid is strictly not for application in any CVT and dual-clutch transmission (DCT) system.

Typical properties

| | | |
|---|------------|-------|
| Fluid Colour | | Red |
| Viscosity Index (VI) | ASTM D2270 | 156 |
| Viscosity at 100 °C; mm ² /s | ASTM D445 | 6.2 |
| Viscosity at 40 °C; mm ² /s | ASTM D445 | 29.5 |
| Density at 15 °C; kg/m ³ | ASTM D4052 | 850.0 |
| Foam Test | ASTM D892 | Pass |
| Flash Point; °C, open cup | ASTM D92 | 210 |
| Pour Point; °C | ASTM D97 | -46 |

Service recommendation

For 4 and 5 speed automatic transmission systems required a higher viscosity fluid, we recommend to use ATF MULTI-VEHICLE MERCON V instead.

Observe the vehicle warranty and owner's manual for the requirement of gear fluid. Follow the operating instructions from manufacturer. Drain and replace with new fluid according to the recommendation. Always check on fluid fill level whenever and during regular service interval.

Commercially available product compatibility

ATF 6 DEXRON VI / MERCON LV is fully compatible with full synthetic and conventional lowered viscosity automatic gear fluids of this specification. However, peak performance is guaranteed only upon using alone without mixing with other fluid.

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.