

IDEMITSU ATF Type - HK4

Premium Automatic Transmission Fluid

Description and Application

Idemitsu ATF Type HK4 is specifically formulated to provide unsurpassed performance and protection requirements of the latest model automatic transmission of Hyundai and KIA vehicles. This advanced technology formulation is designed to exceed the specific performance parameters require for the latest generation conventional (non-CVT) transmissions where type SP-IV fluid is specified.

Features and Benefits

This advanced additive technology formulation incorporates proprietary additive technology with high performance base stocks to provide superior performance in automatic transmission requires SP-IV type fluid. The top quality base oils and proprietary additive formulation provide superior performance and engineered to ensure:

- Precisely engineered frictional characteristics guarantee smooth shifting and outstanding anti-shudder performance.
- Excellent resistance to oxidation and thermal breakdown provide long fluid life and extended protection.
- Provides superior cleanliness, maintaining the transmission free of sludge and varnish deposits.
- Advanced anti-wear technology provides maximum protection to gears and bearings.
- Excellent seal compatibility and conditioning reduces risk of fluid leaks due to seal shrinkage, hardening and cranking.

Typical Characteristics

| Test | Unit | Method | Typical Results |
|-----------------------------|--------------------|------------|-----------------|
| Color | | Visual | Red |
| Kinematic Viscosity @ 40°C | mm ² /s | ASTM D445 | 24.83 |
| Kinematic Viscosity @ 100°C | mm ² /s | ASTM D445 | 5.31 |
| Viscosity Index | - | ASTM D2270 | 154 |
| Foam Seq I @ 24°C | ml-ml | ASTM D892 | 0-0 |
| Foam Seq II @ 93.5°C | ml-ml | ASTM D892 | 0-0 |
| Foam Seq III @ 24°C | ml-ml | ASTM D892 | 0-0 |

Specifications & Approvals

Idemitsu ATF Type HK4 is engineered for latest automatic transmission where it requires the following specification:

SP-IV service requirement for Hyundai and KIA vehicle.

This fluid may also be used in other vehicles where ATF SP-IV is specified.

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Idemitsu is ISO Certified:

ISO 9001:2008
ISO 14001:2004
ISO/TS 16949:2009



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Typical properties are provided as reference and may vary slightly. They do not constitute a specification.
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