

## IDEMITSU ATF Type - HK

### Premium Automatic Transmission Fluid for Hyundai and Kia

#### Description and Application

**IDEMITSU ATF Type – HK** is formulated to meet the specific requirements of Hyundai and KIA vehicles equipped with conventional (non-CVT) transmissions up to model year 2010.

**IDEMITSU ATF Type – HK** is recommended for service-fill in all Hyundai and Kia automatic transmissions where ATF SP-III is specified. This fluid may also be used in older Mitsubishi, Dodge and Chrysler vehicles where ATF SP-III is specified.

#### Features and Benefits

- 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 cracking.

| Test                         | Unit              | Method     | Typical Results  |
|------------------------------|-------------------|------------|------------------|
| Appearance                   | ----              | Visual     | Red Clear Liquid |
| Density @ 15°C               | g/cm <sup>3</sup> | ASTM D4052 | 0.85             |
| Kinematic Viscosity @ 40°C   | cSt               | ASTM D445  | 38.5             |
| Kinematic Viscosity @ 100°C  | cSt               | ASTM D445  | 7.5              |
| Viscosity Index              | ---               | ASTM D2270 | 167              |
| Pour Point                   | °C                | ASTM D97   | -50              |
| Brookfield Viscosity @ -40°C | cP                | ASTM D2983 | 14,600           |
| Flash Point, COC             | °C                | ASTM D92   | 234              |

#### OE Solutions

- Idemitsu ATF and CVT fluids are factory-fill quality products engineered to meet the most stringent requirements of all Asian brands.
- Consumers and technicians now recognize that fluids exclusively designed for specific transmissions and frictions are the best way to extend the life of vehicles.
- Our application specific formula guarantees no shift shocks, less clutch wear, and reduced fuel and oil consumption.

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#### Idemitsu is ISO Certified:

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



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