

## Test code for hydrodynamic torque converters

### 1. Scope

This standard specifies the test methods for the performance of the hydrodynamic torque converter (hereinafter referred to as the “torque converter”) used for automobiles.

The standard can be also applied to fluid couplings for automobiles.

**Note:** The units and numerals used in this standard are based on the SI units. The units and numerals in brackets { } are based on the conventional units and included as reference.

### 2. Objective of establishment

The standard aims at facilitating the convenience of users by standardizing the test methods for the performance of torque converters.

### 3. Types of test

This standard includes the basic performance tests aiming at examining the torque converter performance itself, and the practical performance tests aiming at examining the torque converter performance in practical use.

### 4. Test items

#### 4.1 Basic performance tests

The following basic performance tests shall be performed. Some of the tests, however, may be omitted through discussions between the parties concerned.

- a) General performance test
- b) Stall performance test
- c) Reverse drive performance test

#### 4.2 Practical performance tests

The following practical performance tests shall be performed. The tests to be performed, however, shall be determined through discussions between the parties concerned in accordance with the purpose.

- a) Engine full throttle torque performance test
- b) Road load performance test
- c) Coasting performance test