

KES

Starting Test at Low Temperature of Power Steering

KES T – I820

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Addition Rule

1. Scope of Application

This standard shall be applied for the power steering pump for vehicle.

2. Purpose

This standard is to evaluate the Starting Test at Low Temperature of Power Steering.

3. Evaluation Standard

- (1) When starting the surge pressure shall satisfy the development evaluation standard.
- (2) There shall be no oil leakage.
- (3) There shall be no air suction.
- (4) There shall be no shape change and breakage on each part after disassembly.
- (5) Decide by the developing people's discussion for other defect.

4. Testing Conditions

- (1) Leave the body of power steering oil pump at -35 ± 5 °C for 3 hours.
- (2) Drive the pump at 2000 rpm.
- (3) Maintain it for 1 minute.

5. Testing Method

- (1) Connect the oil pump on the actual vehicle pipe.
- (2) Use Dexron II for the driving fluid.
- (3) Leave the actual vehicle pipes at -35 ± 5 °C for 3 hours.
- (4) Drive it at 2000rpm right after leaving it for 3 hours.