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**Measurement Method of Fuel Saving Technology for
Automobiles**
汽车节油技术评定方法

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Measurement Method of Fuel Saving Technology for Automobiles

1 SCOPE

This document describes the evaluation indicators, test items and test methods for in-use fuel-saving technologies for automobiles, as well as the calculation of evaluation indicators.

This document is applicable to evaluating the use effect of in-use fuel-saving products and technologies for automobiles.

2 NORMATIVE REFERENCES

The following normative documents contain provisions which, through normative reference in this text, constitute essential provision of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendment) applies.

GB/T 260	Test method for water in petroleum products - Distillation method
GB/T 265	Petroleum products - Determination of kinematic viscosity and calculation of dynamic viscosity
GB/T 511	Petroleum, petroleum products and additives - Method for determination of mechanical admixtures
GB/T 3142	Lubricants - Determination of load carrying capacity (four balls method)
GB/T 3535	Petroleum oils - Determination of pour point
GB/T 3536	Petroleum products - Determination of flash and fire points - Cleveland open cup method
GB/T 3730.1	Terms and definitions of motor vehicles, trailers and combination vehicle - Part 1: Types
GB 3847-2018	Limits and measurement methods for emissions from diesel vehicles under free acceleration and lug-down cycle
GB/T 5096	Petroleum products - Corrosiveness to copper - Copper strip test
GB/T 5181	Automotive emission--Terms and definitions
GB/T 6538	Determination of apparent viscosity of engine oils - Using the cold-cranking simulator
GB/T 12543	Motor vehicles - Acceleration performance - Test method
GB/T 12545.1-2008	Measurement methods of fuel consumption for automobiles - Part 1: Measurement methods of fuel consumption for passenger cars
GB 18285-2018	Limits and measurement methods for emissions from gasoline vehicles under two-speed idle conditions and simple driving mode conditions
GB/T 18297-2001	Performance test code for road vehicle engines
GB 18352.6-2016	Limits and measurement methods for emissions from light-duty vehicles (CHINA 6)
GB/T 19233	Measurement methods of fuel consumption for light-duty vehicles
JT/T 711-2016	Limits and measurement methods of fuel consumption for commercial vehicle for passenger transportation
JT/T 719-2016	Limits and measurement methods of fuel consumption for commercial vehicle for cargos transportation
JT/T 1045	Technical Specifications of Vehicle Management for Road Transportation Enterprises

3 TERMS AND DEFINITIONS

For the purpose of this document, the following terms and definitions given in GB/T 3730.1, GB/T 5181, JT/T 711, and JT/T 719, as well as the following apply.

3.1

fuel saving technologies for automobile technologies that not only reduce the automobile fuel consumption but also have no adverse effect on other service performance

4 ABBREVIATIONS



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中国汽车标准译文库

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