

LPG 자동차의 운행 조건에 따른 연비 분석 연구

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Study for Fuel Consumption Analysis according to Driving Condition of LPG Automotive

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Abstracts

In this paper, the test of fuel consumption used the full tank method that is to seek total a amount of use for fuel after driving. At this time, the driver must fully put into the fuel in fuel tank before to test starting. The fuel consumption for an average measurement value according to season is identified that appear in order of spring (9.9) > autumn(9.6) > winter(8.7) > summer(8.2). In general, the best season for fuel consumption was identified that is a spring. Fuel consumption of spring is measured that the value is higher average 17.2% and maximum 26.3% than summer that. Also this test identified that the driving habit of driver, air conditioner operation, throttle body, and road condition can affect with fuel consumption. The purpose of paper is to study the measuring value of fuel consumption for actual car value when the driver is operating the car on road.