

LPG Powered Fiesta at Rally di San Marino



LPG vehicles at the Podium of the Rally di San Marino

LPG is a clean modern fuel that brings comfort to tens of millions of consumers worldwide. Its versatility makes it efficient and easy to use, even for a day at the races. Autogas is clean, cost –friendly and an easy alternative for powering vehicles, not to mention the role it has played in the BRC racing team’s achievements at the 44th Rally di San Marino.

This case study looks at the role of Autogas in race cars and the BRC team’s commitment to its sustainability and success when used for all types of applications.

A WLPGA case study for Exceptional Energy
www.wlpga.org

1. Running on LPG

Former European and Italian champion Giandomenico Basso returned to the Italian Rally Championship in 2016 with the BRC racing team. Basso drove the latest evolution of the Ford Fiesta R5. It was the only car to be powered by LPG at the top level of national rallying.

The challenge that came with using a car that runs only on LPG, was matching the latest engine characteristics of the Fiesta with BRC's Liquid State LPG Direct Injection (LDI) gas system. Due to using a cylinder that alters the center of gravity in the car, the gas system slightly changed the overall dynamics of the car, but after demonstrating the speed, reliability and safety of the car, it did not fail to shine through during the race. The Ford Fiesta features a liquid state direct Autogas injection system developed by BRC and marketed under the LDI name. The BRC racing team is wholly owned by BRC Gas Equipment: one of Europe's leading supplier of LPG systems, not to mention the biggest name in the Italian industry, equipping thousands of private cars and public service vehicles.



It was a race to remember for BRC, with eight successes out of eleven special trials and the first two places occupied by their two LPG powered drivers.

2. Success for BRC

The 44th Rally di San Marino was a double win for BRC. Giandomenico Basso and Lorenzo Granai ruled the competition with their Ford Fiesta after dominating almost all special trials. It was a race to remember for BRC, with eight successes out of eleven special trials and the first two places occupied by their two LPG powered drivers.

BRC Gas Equipment was born in Cherasco at the end of the 1960's as a gas systems local dealer. At the end of the 1970's, Romano Bogetti decided to start the production of multivalves, an important component and one that is difficult to find on the market. In 1977, the BRC trademark was officially born and a few years later the production of the complete range of LPG and CNG started.

The BRC racing team was born to develop new technologies useful for everyday vehicles by proving the strength and reliability of its components. The racing team has held a major focus on vehicle gas conversion.



3. Acknowledgements

www.auto-gas.net

www.brcracingteam.com