

Dor Chemicals, Fiat Chrysler Automobiles and IFCI presents jointly the new choice of fuel, the M15. A methanol powered vehicle FIAT 500 M15 is launched at the Fuel Choices 2016 Summit

Following four years of investment in the vision of **Methanol for transportation** Project conducted by Dor Chemicals of Dor Group, the dream is becoming a reality.

Subsequent to the approval of a new Israeli standard for M15 gasoline, which occurred this year in May, the Green Taxation Committee has set conditions to encourage the use of Methanol as a component blended with gasoline. These conditions are planned to be adopted by the Knesset within the Economic Arrangements Law framework as of 2017.

Today, Fiat Chrysler Automobiles presented , jointly with DOR and IFCI (Israeli Fuel Choices Initiative), the first ever retail-ready vehicle, designed to travel on Methanol M15 (gasoline containing 15% Methanol), the Fiat 500 M15. This car is able to run on a blend of gasoline with methanol from 0 up to 15% and also on regular gasoline. The pioneer car will be marketed in Israel by MCA- the official Israeli importer of FCA Group

This joint project marks an important milestone in the field of alternative fuels.

The above achievements make the coming year to be the M15 year – the year of Methanol for transportation.

Dor began a series of experiments in 2012 in accordance with the Prime Minister's Office IFCI's vision to reduce the dependence in oil and oil substitutes for transport to 60% in 2025, while at the same time Methanol will constitute approximately 25% of the mixes in transportation fuels. Methanol is produced from natural gas and hence may be the first actual "Israeli made fuel for transportation".

The project was accompanied throughout its entirety by the relevant ministries - Energy, Transport and Environmental Protection and received a real support by them throughout the entire project within the framework of the IFCI of the Prime Minister's office.

As part of the activities completed during the test program, vehicles running on Methanol-gasoline blends were examined regarding their performance compared to gasoline; and Methanol has been shown to have the following benefits:

- Energy savings,
- A significant reduction of vehicle emissions,
- Can lead to a reduction in dependence in oil,
- Reduces the cost of travel per kilometer,
- The ability to convert vehicles, stations and entire logistics system to Methanol is simple and fast due to Methanol being a liquid similar in its physical characteristics to gasoline.

These results were obtained from tests conducted in laboratories in Israel, as well as tests carried out by [FCA](#) and at the Joint Research Center (JRC) European official Institute where fuels and vehicles are sent for testing of this purpose.

In addition, during inspections it was determined that as the percentage of Methanol in the gasoline increases so do the above benefits.

Dor plans to begin marketing M15 in the first months of 2017 with the entry of the Arrangements Law into force, which will include several sections aimed at encouraging the use of Methanol:

- Reduced excise duty for M15,
- Grants for the first gas stations adapting themselves to market the M15
- Purchase tax adjustments for vehicles approved for M15 in accordance with the vehicle's emissions
- Accelerated depreciation for investment of Methanol gasoline blending facilities

M15 will be available at a number of gas stations in cooperation with major oil companies, most of which have already expressed interest. Dor projects a growth rate of 5 gas station every quarter, starting with 5 stations early 2017. It is important to emphasize that vehicles fueled with M15 can be easily fueled with standard gasoline 95 and any mixture of those. As such, gas station geographical distribution won't be limitative and the layout can evolve gradually upon demand.

Dor's Methanol for transportation activities sparked interest around the world throughout the entire project time from many sources in both the automotive and transportation arena as well as from the fuel sectors and we expect additional automobile manufacturers to adopt the matter as was the case in Brazil with the adoption of Ethanol gasoline blends. We are already receiving requests for knowledge sharing of our acquired information from fuel and chemicals companies around the world.

Dor and FCA's cooperation is continuing in order to further exploit the Methanol in the Automotive industry.