

E20 Fuel Transition: Impact and Concerns

Motorists across India are reporting issues like clogged injectors and damaged fuel pumps due to the E20 fuel transition.

E20 fuel is a blend of 20% ethanol and 80% petrol, introduced in India as part of the Ethanol Blended Petrol (EBP) Programme.

KEY EXAM POINTS

- Motorists are reporting issues such as **clogged injectors** and **damaged fuel pumps**.
- Complaints also include **contaminated petrol** and a sharp drop in **fuel efficiency**.
- These problems are being reported by **car and bike owners across the country**.
- **Mechanics** are observing a surge in business due to these **E20 fuel**-related complaints.
- The debate centers on whether **ethanol** is responsible for these reported **vehicle issues**.

STATICS & SYLLABUS FOCUS

India launched the **Ethanol Blended Petrol (EBP) Programme** in **2003** to promote ethanol blending.

The government aims to achieve **20% ethanol blending (E20)** by **2025**.

Ethanol blending helps reduce **crude oil imports** and lower **greenhouse gas emissions**.

Ethanol in India is primarily produced from **sugarcane molasses** and **damaged food grains**.

The **National Policy on Biofuels 2018** provides the framework for ethanol blending.

The **Ministry of Petroleum and Natural Gas** oversees the **Ethanol Blending Programme**.

REVISION FLASHCARD

India aims for 20% ethanol blending (E20) in petrol by 2025.

Syllabus Relevance: High

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