

Petroleum

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Petroleum is a fossil fuel and a natural resource found deep underground. It is also called crude oil and is used to make fuels, plastics, medicines, and many other products.

How is Petroleum Formed?

- Formed millions of years ago from the dead bodies of tiny sea animals and plants.
- These remains got buried under mud and rocks on the ocean floor.
- Heat, pressure, and time turned them into petroleum and natural gas.

This slow process takes millions of years, so petroleum is a non-renewable resource.

What is Crude Oil?

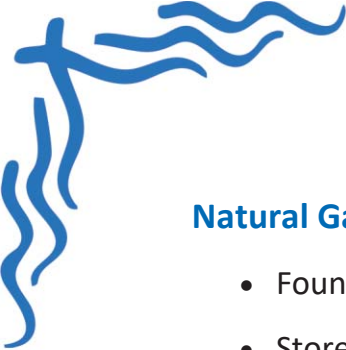
- Crude oil is a thick, black liquid taken out from underground.
- It is not useful directly.
- It must be refined (cleaned and separated) to make useful products.

Refining of Petroleum:

Refining is done in oil refineries where petroleum is heated and separated into different components.

Main Products of Petroleum:

Petroleum Product	Use
Petrol (Gasoline)	Fuel for cars, bikes
Diesel	Fuel for buses, trucks, tractors
Kerosene	Used in lamps, jet aircraft
LPG (Cooking Gas)	Fuel for cooking
Lubricating Oil	Used in machines
Paraffin Wax	Used in candles, ointments
Bitumen	Used for road surfacing



Natural Gas

- Found along with petroleum.
- Stored under high pressure as CNG (Compressed Natural Gas).
- Used as a clean fuel for vehicles and industries.

Why Should We Save Petroleum?

- It is limited and takes millions of years to form.
- Overuse leads to pollution.
- We must use it wisely and efficiently.

Quick Summary Table

Point	Details
What is Petroleum?	Fossil fuel from dead sea organisms
Found where?	Deep underground between rock layers
Processed how?	Refined in oil refineries
Main fuels made	Petrol, diesel, kerosene, LPG
Other products	Lubricants, paraffin wax, bitumen
Associated fuel	Natural gas (CNG)
Type of resource	Non-renewable