



Facts about LPG

LPG is much more than just a fuel.

It is a dynamic eco-friendly fuel with diverse benefit in comparison to other fuels, **it is superior in more than one way.**

Perhaps you will find yourself fascinated by a feature or two that you had not heard of before?



What is **LPG**?

- LPG is the acronym for **Liquefied Petroleum Gas**.
- It is **obtained from natural gas processing** and petroleum refining.
- LPG is a **portable, clean & efficient energy source** that is **readily available** to consumers across the world.
- **LPG is the generic name of mixtures**, mainly of **Butane (C₄H₁₀)** and **Propane (C₃H₈)**.
- It is an **excellent energy source** because of its availability, portability, environmental benefits, and versatility.
- It is also of **superior quality** and is suitable for **Industrial, Commercial & Domestic** use.



Properties of LPG



LPG is in gaseous form at ambient temperature (25 °C) & in liquid form under pressure

It has a low boiling point “range” of “ > - 40 °C ” and flash point of “ - 104 °C ”

It has a narrow flammability range of 1.8% to 10% in air

Approximate minimum ignition temperature range is “ 410 °C to 580 °C ”



It is colorless and non-toxic

It is heavier than air and lighter than water

It is odourless, however Ethyl Mercaptan is added as an odorant for leakage detection

It can cause severe cold burns to the skin due to rapid vaporization & lowering of temperature



Usage of **LPG**



LPG has over **1000 types of known applications**. Worldwide, billions of people currently use LPG and depend on it. Be it in their **commercial business, industry, transportation or farming, power generation and cooking**.

Only LPG can serve such a wide variety of uses such as **cooking fuel for a family** in South Africa and a **community kitchen** in India, **refrigeration** for a shop owner in Brazil, **Auto LPG** for Taxis in Tokyo, and from **welding** for car manufacturers in Germany to **flame weeding** for a rancher in Texas etc.

LPG even powers the Olympic torch! This makes it as the world's most multi-purpose energy source.



Advantages of LPG

- High energy value
- Clean Burning
- Excellent in flame control
- Easy to store without spillage
- Environment-friendly fuel with Sulphur-free emissions
- Used for variety of applications
- Reduces the effects of corrosion
- Avoids scaling
- Minimal heat loss





Do you have any questions?

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