













Summary

- F-T synthesis is the conversion of CO and H₂ to hydrocarbon over metal catalysts.
- Is an exothermic process and requires high pressure.
- Syngas can be produced by gasification or direct CO₂ reduction.
- CO dissociates on metal surface and react with dissociated hydrogen to form hydrocarbons
- F-T synthesis holds promise for clean energy production and thus for environmental remediation.

