

Naming and Modeling Hydrocarbons

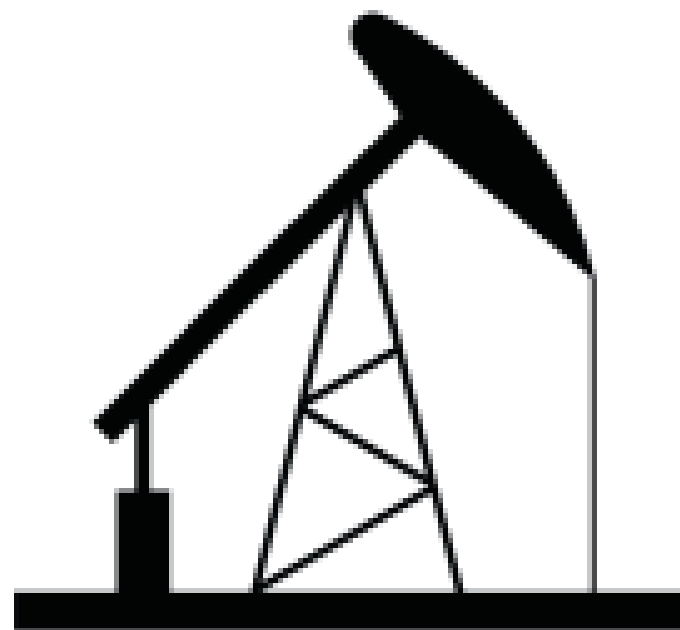


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Carbon Atoms	Molecular Formula	Compound Name	Bonding Diagram	More Commonly Known As	Common Uses
1	CH ₄			methane	Natural Gas, bottled fuel gas
2	C ₂ H ₆			ethane	
3	C ₃ H ₈			propane	
4	C ₄ H ₁₀			butane	
5	C ₅ H ₁₂			pentane	Solvent, paint thinner, cleaner
6	C ₆ H ₁₄			hexane	
7	C ₇ H ₁₆			heptane	Motor fuel, solvent
8	C ₈ H ₁₈			octane	
9	C ₉ H ₂₀			nonane	Illuminating oil, diesel fuel, jet fuel, cracking stock
10	C ₁₀ H ₂₂			decane	