



Energy density comparison chart

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Source: adapted from Energy density Extended Reference Table, Wikipedia.

Gasoline, which is derived from refining crude oil, contains much more energy than coal (twice the lower grade bituminous) or wood (three times). Liquid natural gas (LNG) is almost entirely composed of methane, while natural gas has about 85% of its mass accounted for by methane. Jet A-1 is the standard fuel used by commercial jet planes. It mostly comprises kerosene and several additives (antifreeze, antioxidant, and antistatic) since the fuel must meet rigorous specifications as it will be exposed to high altitudes and low temperatures. Conversely, Bunker C fuel, the primary fuel used for maritime shipping, can be considered one of the lowest quality fuels in liquid form but suitable for vast ship engines.

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