

Yesterday's Ideas Driving Tomorrow's Fuel Efficiency Improvements

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Over the past century of engine development, some designs have had many years of fruitful production and some have never gotten beyond the lab. Some engines were famously popular in production but may not be relevant within a few years time. Others have lain dormant for years, but with the application of modern technologies, could pave the way to our future. Given the urgency for fuel efficiency improvement – urgency that is economic, environmental and cultural – now is the opportune time to revisit these historic designs. One design in particular, the 2-stroke opposed-piston Junkers Jumo, which maintains its unmatched record of combined fuel efficiency and power density, is the focus of Achates Power today. Why? Join this discussion to learn more about this unique opposed-piston engine, its merits and the recent advancements under way to elevate it to today's emissions and durability standards.