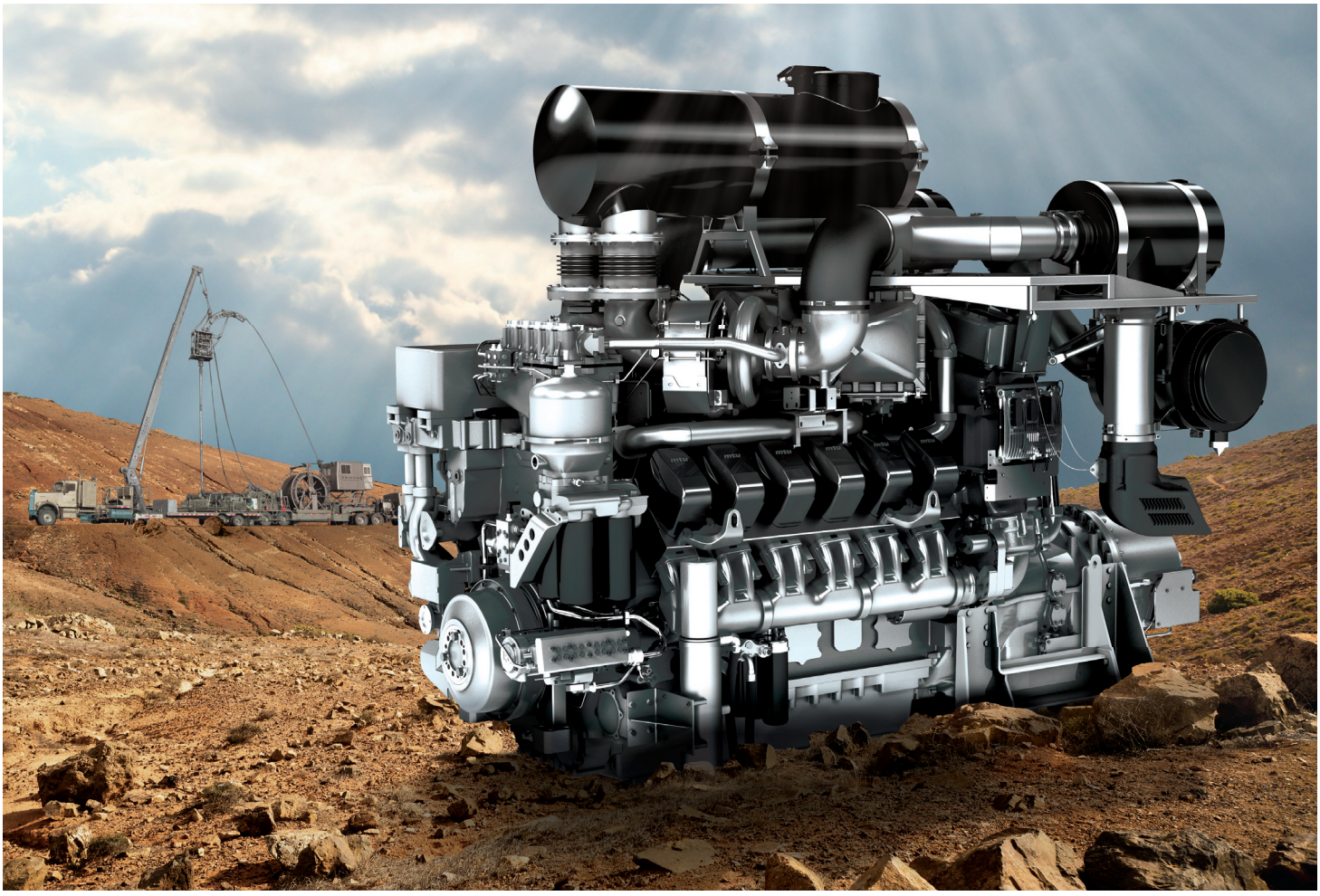
Oil & Gas

MTU Frac Pack with Series 4000 Tier 4 final



High performance.
Low weight.
Built to frac.

Power. Passion. Partnership.

MTU Frac Pack with Series 4000 Tier 4 final

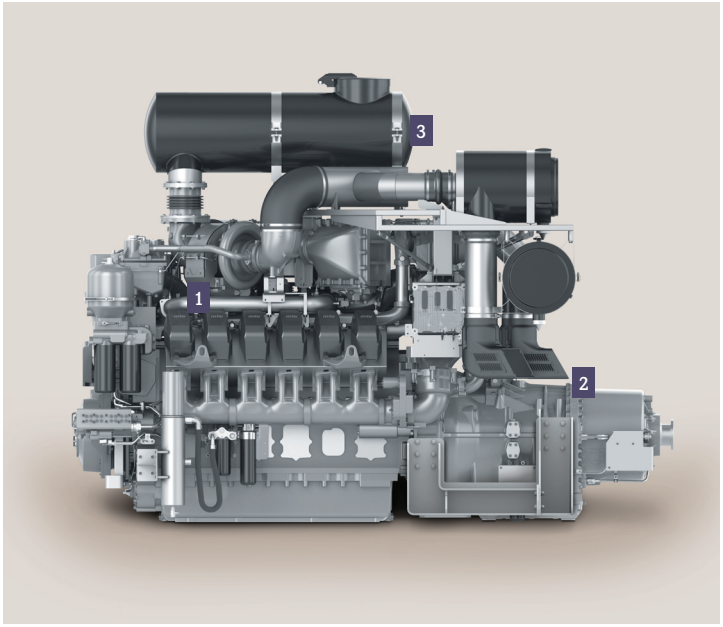
High performance. Low weight.
The new MTU Frac Pack is a complete solution built to meet the high demands and tough conditions of the well service industry. While all its components are engineered to work together to ensure optimum performance and maximum uptime, the true strength of the MTU Frac Pack comes from its powerful Series 4000 engine and lightweight ZF 8 TX transmission. The Series 4000 is the only frac engine that meets Tier 4 standards without aftertreatment. With an increased power output of 2,250-2,600 bhp, the Series 4000 T95 provides more low-end torque improving acceleration and expanding the utilization of the frac pump's performance map. And the lightweight and durable ZF transmission is the perfect complement, providing a wide, full range of gears (speeds) and a maximum input torque of 7,744 lb-ft (10,500 Nm). Working seamlessly together, these key give the MTU Frac Pack reliable, outstanding performance – even under the toughest fracking conditions.

Minimize engineering costs.
Thanks to the compact design and simple footprint, the package is easy to integrate in your existing equipment - which minimizes your engineering costs.

MTU Frac Pack benefits:

– Very lightweight thanks to S4000 engine and ZF transmission
– Maximum utilization of frac pump due to
  · optimized engine performance map
  · transmission's high input torque
– Lower lifecycle costs[1)]
– Minimize engineering costs thanks to simple and compact footprint
– Exceptional durability and reliability for maximum uptime
– Specifically designed for the toughest fracking conditions
– One complete system from one trusted source
– All components engineered to work together seamlessly
– Long component life

[1] Compared to Tier 2 engine
[2] Dependent on air intake temperature. Subject to be confirmed.



1 Series 4000 Frac Engine
- Tier 4 final certified
- No aftertreatment, no additives needed for emissions control
- New power output: 2,250-2,600 bhp (1,678-1,939 kW)
- Optimized performance map for frac application: better utilization of frac pump
- Full performance available up to 13,000 ft (4,000 m)[2]
- Easy integration in O&G equipment thanks to compact and simple footprint
- Optimized power-to-weight ratio
- Also available with Tier 2 compliant engine

2 ZF 8 TX Transmission
- Full and wide range of gears (speeds)
- High Input Torque: 7,744 lb ft (10,500 Nm) - utilizing full engine torque curve
- Lightweight
- Durable

3 Optional Equipment (MTU Back Pack)
- Additional frame
- Muffler
- Intake tubes
- Air filters

ZF – A preferred MTU partner

MTU and ZF have a successful long-term partnership in several industries such as marine, rail and special driveline technology. Founded during the zeppelin era, both companies continue to set standards of technological expertise, innovative products and customized system solutions.

ZF is a global leader in driveline and chassis technology with 121 production companies in 26 countries.
ZF develops and manufactures innovative, high-quality products and related technologies that improve the mobility of people and goods. Products and services offer customers clear added value through leading technologies, quality, and service. Passionate commitment to achieving greater efficiency and resource conservation has made ZF a trendsetter in new markets.

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