



97%

TRANSMISSION EFFICIENCY

Oil & Gas

FRACPACK WITH
SERIES 4000 T95



A Rolls-Royce
solution

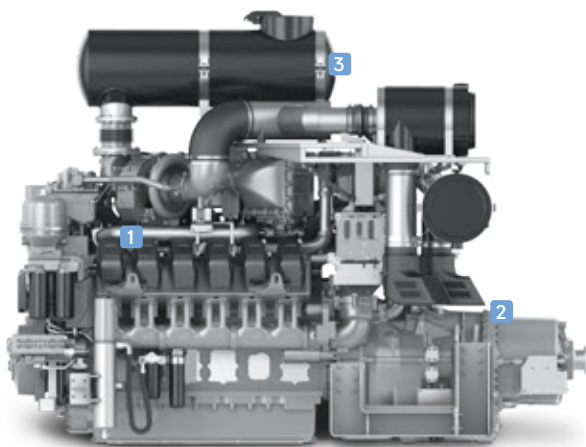
FRACPACK WITH SERIES 4000 T95

Best transmission efficiency. Low weight.

The new FracPack is a complete solution, built to meet the high demands and tough conditions of the well service industry. While all of its components are engineered to work together to ensure optimum performance and maximum uptime, the true strength of the FracPack comes from its powerful Series 4000 engine and lightweight ZF 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, thereby improving acceleration and also expanding the utilization of the frac pump's performance map. The lightweight and durable transmission is the perfect complement, providing a wide, full range of gears (speeds) and maximum input torque of 7,744 lb-ft (10,500 Nm). Working seamlessly together, these key components give the FracPack reliable, outstanding performance – even under the toughest fracking conditions.

Efficiency where it matters.

With no torque converter and its new state-of-the-art design, the FracPack delivers thus so far unsurpassed efficiency during operation – up to 97% transmission efficiency, to be exact. It also enables smoother shifting resulting in no loss in discharge pressure or flow. Having fewer components reduces the complexity of the transmission as a whole, thus allowing for simpler maintenance and lower costs.



FracPack benefits:

- Up to 97% transmission efficiency
- Very lightweight thanks to S4000 engine and transmission
- Maximum utilization of frac pump due to
 - optimized engine performance map
 - transmission's high input torque
- Lower lifecycle costs ¹⁾
- Minimized 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 Transmission

- Full and wide range of gears (speeds)
- High input torque: up to 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