

TF50F and TF40F Oil Field Gas Turbines



An MTU Aero Engines Company

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Vericor Power Systems is based in Georgia, USA and is an MTU Aero Engine company. Vericor supplies gas turbines, systems and related services for industrial, oil & gas, power generation and marine customers around the world.

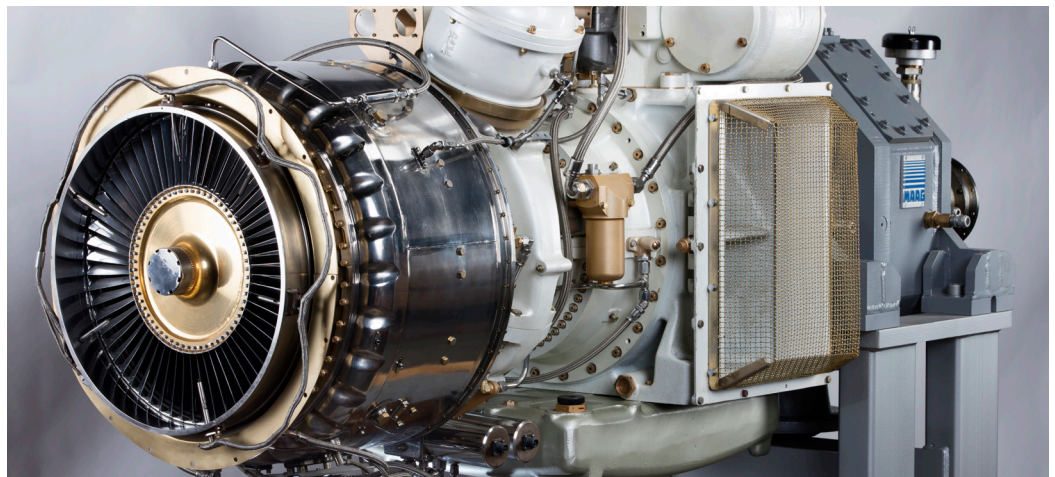
The TF50F and TF40F gas turbines are compact, rugged power units designed for portable applications. The core of the TF50F and TF40F engines is the time-tested Lycoming T55 gas turbine that has accumulated over 15 million operating hours. These engines feature a compact cold end drive design for maximum reliability. A flexible on-condition maintenance plan assures high availability.

Value Proposition

- 100% gas operation, including treated well head gas, greatly reduces fuel costs
- 30,000 hours between scheduled shop visits reduces maintenance costs
- Compact design allows over 5000 SHP on a single trailer mounted unit, reducing space requirements
- Light weight and compact design helps eliminate vehicle permitting requirements
- Lower noise than diesels
- Reduced operator and maintenance labor needs

Key features

- Runs on either 100% natural gas or liquid fuel
- Changeover from gas to liquid fuel and vice versa while operating under full load.
- Lower emissions compared to diesel engine equivalents
- Modular construction, rugged, robust design
- Highest power to weight ratio in this size class
- Direct mount to driven equipment eliminates alignment issues
- Superior cold start capability - no warm-up time required
- Low cost of ownership
- Proven ability to operate in harsh and demanding environments



Engine specifications		TF40F	TF50F
Rated Power	Hp	4000	5000
	kW	2983	3729
Weight	lbs/kWh	1,325/602	1,475/670
Length	in/mm	52/1,321	52/1,321
Width	in/mm	41/1046	41/1046
Height	in/mm	35/889	35/889

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