

MRO SERVICES
FOR INDUSTRIAL GAS TURBINES



COMPREHENSIVE INDUSTRIAL GAS TURBINE (IGT) SUPPLY CHAIN SUPPORT

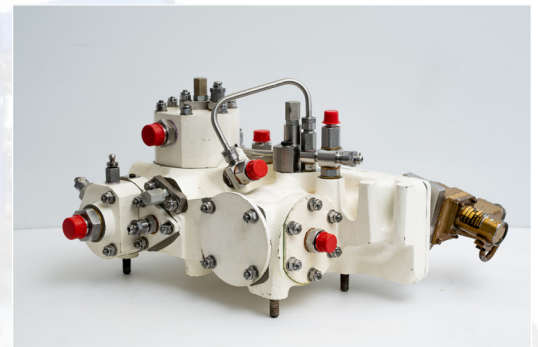
Moog MRO Services offers maintenance, repair, and overhaul capability on industrial gas turbine engines.

Engines supported include:

- GE: LM1600, LM2500, LM6000
- P&W: GG3, GG4, JT4, GG8
- Rolls Royce: Avon, RB211, Olympus, Tyne

Aeroderivative gas turbine reliability, proven technology, and power-to-weight ratio.

The LM2500 powers a wide range of vessels, from warships and ferries to cruise ships, and is also used for power generation and mechanical drive.



CAPABILITIES

Rigorous industry standards. Quality without compromise. Delivering new product capability through a well-defined process in a very competitive time frame.

Avoid supply chain slowdown with our extensive global resources and dedicated engineering expertise.

- Delivering competitive turnaround times
- Extensive pool of rotary parts
- Dedicated IGT workshop

FACILITY AND EQUIPMENT

- Fuel accessory test stands
- Oil flow test stand
- Hydraulic and EDP test stand with roll ups
- Hydraulic test stands
- Low flow pneumatic test stand
- Ultrasonic cleaning systems
- Machine shop
- NDT (MPI/FPI)

MARINE PROPULSION

A leading choice for powering warships and commercial vessels, offering a mix of power, reliability, and space-saving design.

INDUSTRIAL POWER GENERATION

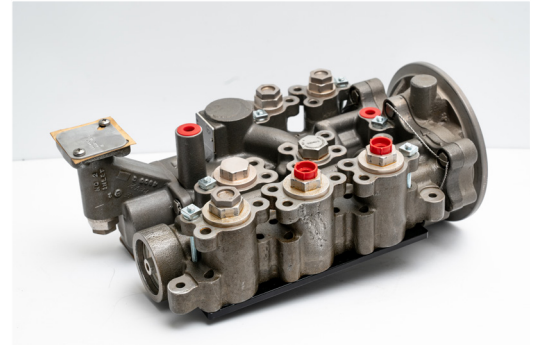
Used in onshore and offshore applications for electricity generation and combined heat and power (CHP) systems.

MECHANICAL DRIVE

Used to drive mechanical loads in various industrial settings.

FLEXIBILITY

The LM2500 and its variants can operate on a variety of fuels and are designed for high availability and reliability.



HIGH VOLUME REPAIRS

LM2500/5000/6000

SPECIFICATIONS		
Description	Typical P/N	Comments
HCU	L44570P01, L44571P02, L47108P02	Full Overhaul Capability
VG Pump	L24922P03	Full Overhaul Capability
Fuel Control Unit	8062-176, L16716P24, L16716P28	Full Overhaul Capability
Fuel Pump	9039M45P03, 9039M45P09, 9255-06	Full Overhaul Capability
Lube and Scavenge Pump	L44500P03, RR35230B, L24407P06	Full Overhaul Capability
Hydraulic Pump	9902-04, L28266P01, L44569P13	Full Overhaul Capability
VBV Actuator	L43419P06, L43419P07, L43420P07	Full Overhaul Capability
VSV Actuator	L43418P03, 1211245-017, 1211245-020	Full Overhaul Capability
Starter Clutch	6601-01-019C	Full Overhaul Capability
Hydraulic Starter	L25105P08, L25105P05, L25105P05	Full Overhaul Capability
Staging Valves – Gas and Liquid	L44538P01, L44529P01, L44680P01/P02	Full Overhaul Capability
Bleed Air Valve	L47328P01, L47328P01, L47328P02	Full Overhaul Capability

CERTIFICATIONS

Moog MRO Solutions holds the following global airworthiness certifications:



Federal Aviation Administration

Air Agency Cert
J6RY718N



Transport Canada

Approval No.
899-21



European Aviation Safety Agency

Approval IE.145.019



Civil Aviation Administration of China

Approval No.
F35300226



ISO 9001:2015

Cert No.
48641/A/001/
UK/EN



UK CAA Reference

UK.145.01672

MOOG

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