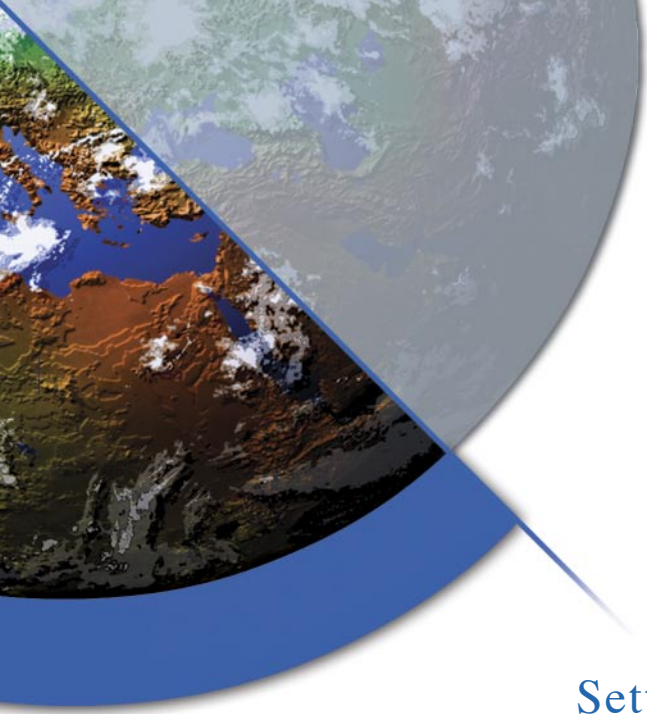




Fluid Power Solutions  
for Demanding Applications

**Oilgear**



## Setting the Standard

Since 1921, the world's most demanding applications have relied on Oilgear high-performance fluid power solutions. Founded on a tradition of bringing only the most advanced engineering to our customers, Oilgear continues to set the standard in industries requiring precise, high-performance systems...often operating in the harshest of environments. We continually strive to live up to this standard in the products we manufacture and the services we provide. At Oilgear, we are recognized as the world's fluid power experts.

## For over 85 years, our customers have relied on Oilgear's expertise in three key areas:

- High-performance, engineered fluid power components
- Fully-integrated electrohydraulic control systems
- Global life-support aftermarket services

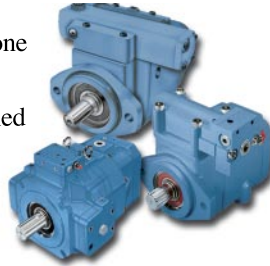
When partnering with Oilgear, our customers know they can depend on us to deliver superior hydraulic components designed for long-lasting durability, even in the most demanding environments. Our high-performance hydraulic components and systems are designed to directly increase equipment cycle-time, providing maximum equipment uptime and increased production efficiency. Oilgear's unparalleled after-sales support services and highly experienced hydraulics service personnel assist our customers with even the most complex fluid power crisis.

# Oilgear

# Engineered Fluid Power Components

## Axial piston pumps

The Oilgear axial piston pump line was developed to achieve one primary goal – to provide our customers with a low cost of ownership. Our superior pumps and control systems are designed to last longer, consume less energy and provide the fastest response times in the industry. Oilgear offers three unique technologies to meet these goals: our exclusive hydrodynamic bearing design, enhanced heat-treating process and innovative four-way control designs.



Hydraulic system performance has long been closely linked to the quality and cleanliness of the fluids being used. With a traditional pump design, overall efficiency is significantly reduced when the level of oil contaminates increases, or when using an environmentally-friendly fluid, such as water or water glycol.

Oilgear's advanced hydrodynamic bearing design, combined with our ceramic level of hardness on wear surfaces, reduces these problems. These revolutionary technologies are engineered to produce industry-leading efficiencies as these challenging situations occur.

In hydraulic control systems, improved response times directly increase productivity and reduce energy consumption per unit load of work. With our industry-leading four-way control system, Oilgear's customers benefit from the quickest pump response available today.

## Flow meters

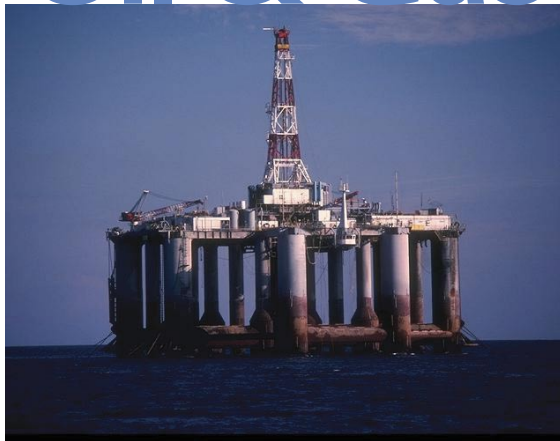
Oilgear flow meters are built tough for superior durability. Designed to withstand the harshest environments, their trouble-free design offers our superior performance and long service life, even in the presence of contaminated fluids. Backed by Oilgear's commitment to quality, each and every flow meter is factory tested and calibrated prior to shipping to assure optimum accuracy and performance for our customers.



## Custom design

In addition to our uniquely-designed range of products, Oilgear also offers our OEM customers custom-designed pump and valve solutions for optimum system performance in unique production operations.

## Oil & Gas



## Marine

## Mobile



# Oilgear

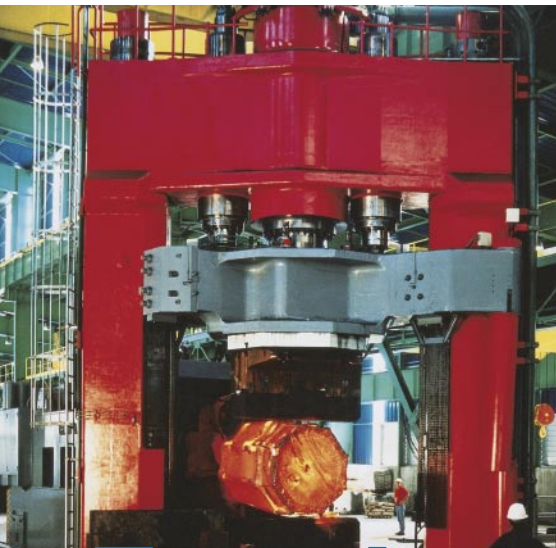
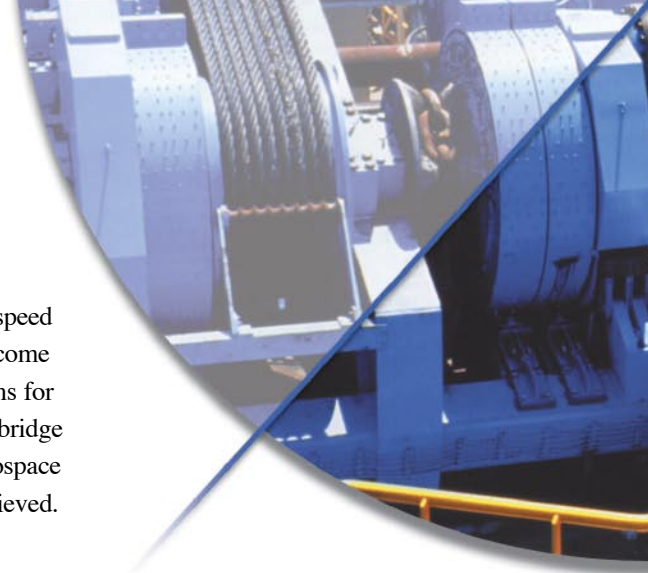
# ■ Integrated Electrohydraulic Control Systems

Oilgear's engineered systems businesses are focused on applications where complex speed control, pressure control, position control, durability and single-source responsibility come together. We provide unique hydraulic and/or electrohydraulic control system solutions for demanding applications such as forging, extrusion, de-scaling, dam and levy control, bridge movement and oil rig jack-up systems, as well as specially-designed military and aerospace applications. By integrating electronics and hydraulics, maximum performance is achieved.

**Four key advantages define Oilgear as the supplier of choice for hydraulic turnkey solutions.**

## Design experience

Our global team of hydraulic engineers has over 500 years of combined hydraulic design engineering expertise, providing our customers with reliable, cost-effective manufacturing solutions. Oilgear's innovative design principals are focused on maximizing productivity. Combined with our integrated hydraulic and electronic systems solutions, we provide our customers with a single point of responsibility for the complete control system.



## Forging



## Civil



## Extrusion

# Oilgear



### Global design resources

The use of standard design tools enables Oilgear to use design resources from across the world on a single project. This sharing of global resources provides us with the ability to shorten our lead-times and ensure on-time delivery. These file storage and sharing capabilities also allow each new project to benefit from the knowledge of our global engineering resource pool.

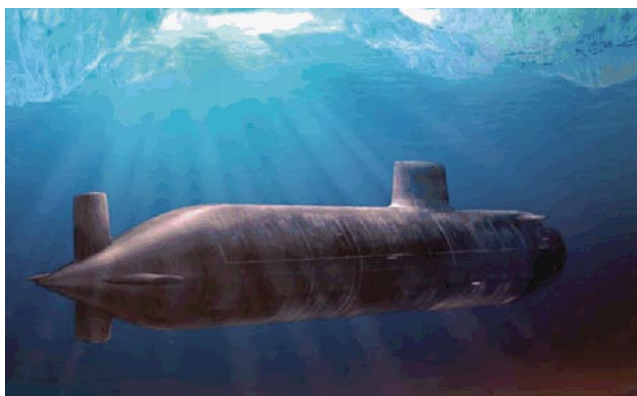
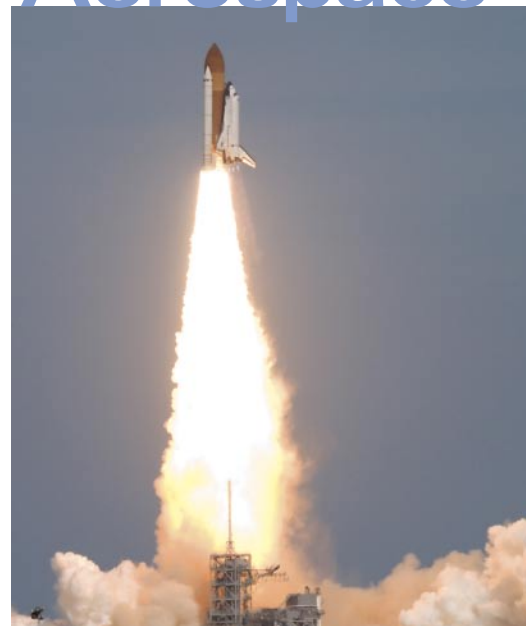
### System modeling tools

Oilgear's system modeling software provides our customers with proven designs that can be modeled and checked prior to fabrication – ensuring system performance, quality and improved lead times.

### Manufacturing and test capabilities

Oilgear has invested in manufacturing facilities, large crane capacity, test facilities and precision machinery for key system products – such as manifolds and other auxiliary products. This investment allows us to completely assemble and test our systems prior to shipping, resulting in superior delivery and quality for our customers.

## Aerospace



## Military

## Mobile



# Oilgear

# Life-Support Aftermarket Services

At Oilgear, we don't just service equipment, we service our customers. Our aftermarket group supplies the products and people needed to keep a facility running at peak performance.

## Field support

Whether it is the repair of original equipment, start-up and service of an integrated power system, or instrumentation for preventative maintenance, our aftermarket service engineers are available for our customers 24/7 – anywhere in the world. A service contract with scheduled visits allows our service engineers to monitor and evaluate the equipment on a regular basis – avoiding costly downtime by correcting minor problems. But, our support doesn't stop there.

## Repair center

Our updated repair center provides customers with a quick turnaround on remanufactured units that perform to the specifications of a new unit backed up with the same warranty. Only Oilgear professionals have the proprietary knowledge to accurately test and service Oilgear hydraulic and electronic components. We'll even arrange pickup and delivery to save you time and money.

## Upgrades and retrofits

When equipment becomes obsolete or inefficient, Oilgear can provide hydraulic and control solutions tailored to the specific application. If the existing equipment performs well, but contains parts that are no longer available or have unacceptable lead times, a retrofit will provide new updated components. When the manufacturing process changes, but the equipment is not up to the task, an Oilgear system retrofit will supply the flexibility to support change, now and in the future.

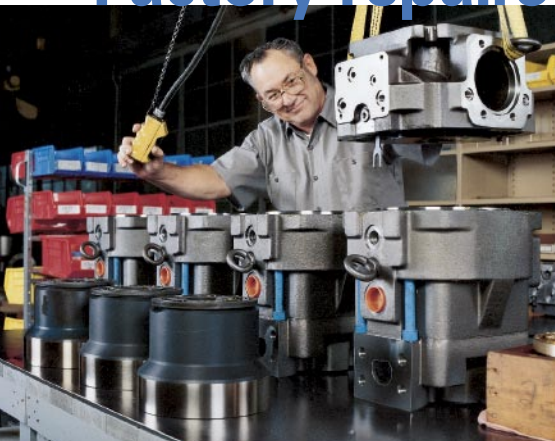
## Training and documentation

A well-trained workforce is the best way to keep equipment running at peak performance. Oilgear's extensive training programs ensure our customers have up-to-date information. Training sessions, standard or custom, can be held on-site or at Oilgear's training facility.

We also offer system documentation packages. The information can be provided as hard copy binders, indexed digital files, or interactive packages that tie circuits, documents and pictures of the actual equipment together in an easy-to-use format.

**In the field, or at one of our many global facilities, our team of experienced professionals will provide the solutions our customers need to maximize the efficiency of their operations.**

## Factory repairs



## In the field



## Training

# Oilgear

## Focused on Global Reach

Our qualified design engineers, application specialists and factory-trained service providers are always nearby, providing their expertise in the design, manufacture, start-up and service of Oilgear components and systems.

**View a complete list of our facilities at [www.oilgear.com](http://www.oilgear.com).**



● Manufacturing Facilities

● Engineering and Systems Services

● Sales and Service

# Oilgear



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For more information about your application or the products  
in this brochure, please contact your nearest Oilgear facility.

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