

POSITIVE DISPLACEMENT PUMPS



High contamination resistance

Packaging flexibility

Many types from which to choose

For over sixty years, Lear Romec has been recognized for excellence in the design and manufacture of positive displacement pumps used in aircraft, missile, and sophisticated ground and marine applications.

Today, with continuing investments in engineering and manufacturing improvements, you can trust Lear Romec to provide you with the performance you require, and the value you demand.

From design through certification, and continuing with in-service support, Lear Romec has the experience to design a vane, gerotor or spur gear pump for your specific application. And, once in service, Lear Romec's repair and overhaul service is renowned for keeping your pump in prime condition.

A Cut Above the Rest

When you choose Lear Romec, you benefit from Lear Romec's extensive experience, comprehensive in-house capabilities, and industry credentials:

- IRAD programs including composite technology, and computer optimization and analysis

- full range of manufacturing capability
- extensive understanding of mechanical packaging
- State-of-the-art production scheduling system
- Drive toward operational excellence through Six Sigma, Lean Manufacturing and other business improvement concepts
- Boeing D1-9000A and ISO 9001 certified
- Factory operated FAA/JAA repair stations
- World wide support services

Your Development Partner

There when you need it – at any point in the development process – the Lear Romec team can become an extension of your engineering and manufacturing team. Lear Romec's experience in joint product development and integrated product development spans a variety of aircraft programs. Give us a call, or check out our web site at www.learromec.com.



PUMPS TO SUIT YOUR APPLICATION

Vane Pumps

Vane pumps can be used in oil, fuel and coolant applications and provide superior air/oil pumping capability. Features include:

- High contamination resistance
- Weight and size advantages
- Packaging flexibility
- Single or multi-element arrangements
- Accessory pad or motor driven



Gerotor Pumps

Gerotor pumps are specifically used in oil applications and contain fewer parts. Other features are:

- High contamination resistance
- Single shaft design
- Packaging flexibility
- Single or multi-element arrangements



Spur Gear Pumps

The external gear style pump uses spur gear elements to provide pumping capability and can be used in oil, fuel and coolant application. Its packaging is relatively shorter but results in a larger diameter requirement. It also offers higher pressure capability than the other types of pumps.



SOLUTIONS YOU CAN COUNT ON

Lear Romec

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