

All Risbridger fluid replenishment pumps are supplied from new with our 1600 Series filter elements. These elements conform to ISO 16889 (which supersedes ISO 4572), and have a highly efficient filtration performance that allows the dispensing of fluids to a cleanliness level of 17/15/12 to ISO 4406:1999 or NAS 1638 Class 6.

To ensure the efficient operation of the pump so that only super clean product enters the critical aircraft systems, we recommend the filter elements are changed every six to nine months after initial use, or earlier if more than normal resistance is felt during the pumping procedure.

Risbridger pumps have a 'No Filter - No Flow' feature to prevent them being used without filters fitted.



### Remember that:

- **Component wear** and failure due to contaminated lubricants is already well documented.
- **Dirt particles** are the major cause of component wear. These particles damage and degrade precision surfaces, alter clearances and, in the process, generate more abrasive debris inside the machinery.
- **Fluid degradation** is also a result of particulate and water contamination, and reduces the effectiveness of vital lubrication.
- **Fluids last longer** and function more efficiently when these minute particulates are controlled by the regular replacement of filter elements.

**Filtration is the key to preventing costly repairs caused by contaminated lubricants. The problems associated with component wear and failure due to contaminated lubricants are already well documented. In order for filtration to be truly effective it must be able to trap contaminants of all sizes. With a clean Risbridger 1600 filter your equipment has outstanding protection against contamination.**

The 1600 Series filters are available in two models:

- 1600FILTER for use with Engine and Mineral Hydraulic oils.
- 1600/S for use with Phosphate Esters only.
- Both are available from stock individually or in a box of ten.

#### Materials:

Stainless steel  
Stainless steel mesh  
Viton or EPDM seals dependent on model

#### Suitable for:

**1600FILTER** Engine and Mineral Hydraulic oils only

**1600/S** Phosphate Esters only

#### Document Ref:

DATA-1600-FILTER-160212