



# AAA PRODUCTS INTERNATIONAL

FLUID POWER VALVES • JIFFY PRODUCTS

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Re: Shelf Life of AAA Products International Valves

To Whom It May Concern:

The major limit to shelf life is the storage conditions in which the product is kept. Harsh storage environments will reduce the standard shelf life.

In a standard storage environment, the two major components that will age are the rubber seals and internal lubrication.

- a) The typical O-Rings/seals are:
  - a. Buna-N, shelf-life of 15 years.
  - b. Viton, unlimited shelf-life.
  - c. Urethane, 3-5 years shelf-life.
  - d. Silicon, unlimited shelf-life.
- b) The usual greases we use are:
  - a. Magnalube-G, 10+ years shelf-life.
  - b. Dow-55, 5+ years shelf-life.

If the valve is stored for over 2 years, it is recommended to relubricate the internal spool with the same grease that was used during the manufacturing process. A complete tear down/re-build is not required, most of the time just removing an end cap and sliding out the spool, lubricate the spool and re-inserting and attaching the end cap is sufficient. Verify that the spool slides snugly.

If the valve is close to the shelf-life limit, it is recommended to check seals for cracking and replace as required. All our valves can be serviced in the field/work shop to replace O-Rings/seals and relubrication of lubricant.

Use the product informational sheet from our website to determine O-Rings/seals and lubrication used or consult the factory.

Sincerely,

Harry Womack  
President