



# ELEVATOR EQUIPMENT CORPORATION

**CB-013**

## Seal Kit and Safe Use Recommendations

EECO control valves could have a life greater than 2.5 million cycles with ideal operating conditions. However, very few installations have ideal conditions. Cleanliness of oil is very important and will have a major effect on the life of a control valve, especially if it is also running constantly at temperatures in excess of the normal operating range. With the presence of any condition, which may adversely affect the longevity of the control valve, EECO recommends servicing or replacing the valve every five years.

EECO control valves are the most user friendly valves in the market and can be easily serviced by using the seal kits and solenoid kits offered by EECO. Upgrade kits are also available from EECO to incorporate in older EECO valves to bring them to the current standards without removing the valve from the power unit. Obviously, all service work on control valves must to be done by professionals who are trained in installing and servicing hydraulic elevator systems. It is very important that the main power is shut off and the system pressure is relieved by opening the manual lowering valve to allow the elevator to rest on the buffers. It is also recommended that if the solenoid kits are used to service a valve (recommended every 5 years), the orifice seats and the needles are replaced at the same time.

In addition to service and upgrade kits, EECO also offers the VRP (Valve Rebuild Program) and EEP (EECO Exchange Program), which could be more cost effective. Both VRP and EEP are offered through the EECO factory service center. The valves received by either of these two programs are fully tested at the factory and carry a two-year limited warranty, the same as the new control valves. Only control valves processed through the VRP and EEP are supported by EECO. EECO neither supports nor recommends any other facility to service the control valves, since this is highly specialized and requires unique tools and testing procedures.

With VRP, the customer sends the valve to EECO to be rebuilt after receiving an RMA (Return Material Authorization) from EECO Sales. The valve will be stripped of all the old components and if the valve body is reusable, it will be populated with all new components, tested and shipped back to the customer. This process takes about 10 days.

If the customers cannot wait that long, they can use the EEP to order a rebuilt valve (if available), which could be shipped within one day. The customer will then send the replaced valve back to EECO after receiving and EMA (Exchange Material Authorization) within 45 days to receive a core credit if the valve body can be reused.

EECO neither manufactures nor supports the single function brass valves or the "F" series UV-5A valves. It is recommended that old hydraulic systems, which are operated by brass or "F" series valves, to be modernized using the latest EECO control valves.