

ATION
USA
FILM
INHIBITOR-PATENT
INHIBITOR



HIGH PERFORMANCE VpCI® PACKAGING

CASE HISTORY

Preservation of Pipeline Valve Inventory



LOCATION

Yukon, Oklahoma
Victoria, Texas

PRODUCTS

EcoAir® 337
VpCI®-105 Emitters
VpCI®-111 Emitters
VpCI®-126 Blue Film and Bags
VpCI®-126 HP UV Bags

PROBLEM

The client is a buyer and seller of surplus pipes, valves, and fittings used in the construction of oil and gas transmission pipelines. All their pipeline equipment inventory is new, fully documented, and traceable, and is sourced from major oil and gas companies. When acquired, the inventory goes through a preservation process to ensure the equipment remains in good condition until purchased by another oil and gas company. Inventory storage can last anywhere from a few weeks to a few years. While most valves and actuator assemblies sit indoors, some pieces are giant valve assemblies that measure over 40 feet (12 m) long, weigh more than 40,000 pounds (18,144 kg), and must be stored outside. Preservation is especially critical for these items. In the past, preservation consisted of more traditional practices including the use of lubricants, moisture absorbing packets, and covered openings. However, the client decided to look for a more comprehensive solution to preserve the service life, reliability, and quality of the equipment.



DATE

March 2022

CORTEC® REPRESENTATIVE

Wiki Valves

CUSTOMER

ARS Global

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APPLICATION

In 2020, the client contacted Wiki Valves for a more comprehensive method of preservation. Wiki Valves introduced them to VpCI® Technology and began supplying both the product and application services, fully documenting the preservation activities for the client's inventory archives. While products may vary from unit to unit, typical preservation consists of placing a VpCI®-105 and/or VpCI®-111 Emitter inside the equipment based on internal volume, spraying all internal valve surfaces with EcoAir® 337, and covering all openings with VpCI®-126 Blue Bags or Film. Any 30"-42" (76.2-106.7 cm) ANSI 600 class trunnion ball valves are stored outdoors and protected with custom VpCI®-126 HP UV Bags made to fit sizing needs of 36" x 600" (0.9 x 15.2 m). Wiki Valves also provides preservation as needed at the time of shipment.

CONCLUSION

The client is very happy with the products, service, and education provided since late 2020. They now have the peace of mind that they are following best practices to keep their products in good condition so they will operate as expected when their customers need them.