



Keep it in the Tank - Engineered Solutions for the Transportation Industry

Polar Service Centers has partnered with VSP Technologies to bring their flange connection experience to our customers. The VSP sealing system is now available through the Polar nationwide network of 29 parts and service facilities.

Secure transport of hazardous chemicals and non-hazardous liquids has never been more important. Governments and the public are increasingly aware of these movements and possible consequences of leaking equipment. VSP Technologies has provided technical support and fluid sealing products to Industry for more than 30 years. VSP is driven to increase reliability by focusing on the engineering behind gasketed connections, thus ensuring leak-free operation of transportation fleets.

Chemical, Oil & Gas, Agriculture, and Pulp & Paper shippers routinely elect to participate in VSP Technologies RideTight® program as part of their fleet management strategy; this ensures that service providers comply with their fluid sealing requirements and that their fleet is in compliance with DOT regulations and guidelines. The program is designed to take the guesswork out of gasket and fastener component selection and makes safe secure shipment the top priority.

As an example, during a root cause failure analysis with one problematic TTMA connection, VSP discovered the compressive stress requirements cannot be met for many of the industry standard gasket materials and designs. To combat this issue, VSP developed and patented the OPRA™ (One Piece Reduced Area) gasket. In another situation, issues with proper assembly and gasket/fastener component compatibility during routine maintenance were a concern for Fleet Maintenance. VSP developed Torq-Kits™ which address the most common causes of connection failures and ensures the specified gasket, fastener and assembly instructions are all readily available for the mechanic.