

## WFT-S Gate Valve

Weatherford's WFT-S gate valve uses the natural force of line pressure to provide an effective seal on the flow stream. The floating/slab-gate design of these valves creates a positive metal-to-metal seal, gate-toseat and seat-to-body.

Designed for reliability and durability, this bi-directional valve controls flow and prevents materials from flowing past the seat back face. The WFT-S gate valve is available in flanged- or threaded-end configurations.

The WFT-S gate valve is engineered and manufactured to meet the highest quality standards and is documented per API-6A specifications, qualifying it to bear the API-6A monogram. In addition to a wide variety of trims, temperature ratings, and PSL levels, The WFT-S gate valve is also available as either PR1 or PR2.



## **Applications**

weatherford.com

· Wellhead Christmas trees, manifolds, and casing valves

## Features, Advantages and Benefits

- The WFT-S gate valve's positive metal-to-metal sealing (gate-to-seat and seat-to-body) provides reliable, effective metal sealing.
- A non-rising stem of tungsten carbide high-velocity oxy fuel (HVOF) is featured on the gate and Stellite<sup>®</sup> 3 seat interface, providing longer valve life.
- Two V-type spring-loaded seat seals are pressureenergized and non-elastomeric. These seals are designed on each seat body, preventing foreign materials from flowing past the seat back face.
- Spring-loaded, pressure-energized steam seals are designed with a thermoplastic material for reliable performance.
- The WFT-S gate valve features a metal-to-metal bonnet gasket (modified BX design).
- The back-seat stem feature enables seal replacement under pressure for safe operations.

Stellite is a registered trademark of the Deloro Stellite Holdings Corporation.

1

© 2010 Weatherford. All rights reserved. 7692.00

Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford. For more information contact an authorized Weatherford representative. Unless noted otherwise, trademarks and service marks herein are the property of Weatherford. Specifications are subject to change without notice. Weatherford sells its products and services in accordance with the terms and conditions set forth in the applicable contract between Weatherford and the client.