

Safeload Semi-Automatic API Coupler



Safeload Semi-Automatic API Coupler - Designed for bottom loading with a unique wrap-around trigger design that follows the profile of the loading adaptor, covering more than 60% of its circumference.

4" TTMA inlet flange. Outlet connection complies with API RP 1004. Materials of construction - hard anodised aluminium, nitrided steel and stainless steel. Fitted with Viton B seals and stainless steel operating handle as standard. Operating instructions included.

Seal options - See Range

Options - Version with integral drain pot. High pressure version. Manually operated version. Available with ballend aluminium handle.

Features & Benefits

Bumper ring protects against glancing blows. FORT VALE

3 Year Warranty on all metal parts.* FORT VALE

Tapered lead-in of coupler ensures failsafe FORT VALE alignment with tank adaptor.

Instant "snap on" fixture to tank adaptor. FORT VALE

Four wrap-around extended triggers lock the FORT VALE coupler securely in place.

SAFELOAD will not open unless connected FORT VALE correctly nor uncouple until fully closed.

FORT VALE Compression spring energised main seal.

All seals may be replaced in-situ using the correct FORT VALE tools and procedure.

Wear critical components tested to simulate FORT VALE over 5 years continual service.

Trigger design allows full alignment and FORT VALE connection even if loading arms are crossed

Release handle has fewer parts so it is very FORT VALE easy to strip down.

FORT VALE The shaft and nut assembly is easy to maintain.

The double seal arrangement stops dirt from FORT VALE entering the seal pocket.

MAJOR OIL COMPANY APPROVED

PORT VALE

*under standard environmental conditions See www.fortvale.com/FVETCOFSALE.pdf (paragraph 9)

Service Guidelines

Fort Vale recommends a monthly visual inspection on couplers over 6 months old. It should be noted that the life of the coupler is not only determined by the frequency of use but also by the product carried.

i Operating Instructions for Safeload semi-automatic coupler - OPIN21

Specification

Part Number: CE94/2500XX - Stainless steel handle CE94/2400XX - Aluminium handle

FORT VALE

FORT VALE

XX indicates variable seal material, see Range

Weight 12.15 Kg Design Pressure (MAWP) 6 Bar (87 PSI) Test Pressure 10 Bar (145.0 PSI) Max. Surge Pressure 15 Bar (217.5 PSI)

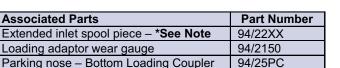
Compliant with ATEX Group II, Cat 2; EN 13083 & API RP1004 (2003).

Range



X in Part No. above indicates variable handle. See Specification above.

Associated Parts



*NOTE: "XX" indicates variable length

Coupler seal replacement tool

4" TTMA Check valve



John M. Ellsworth Co., Inc.

FORT VALE

400/9420

94/3690XX/X