

Static Fluid Loss Cement

Successfully cementing the casing string of an oil or gas well is highly dependent upon the characteristics of the cement slurry. Properties that should be considered include consistency, density, rheological properties, filtration control, and the ability to quickly develop compressive strength. Oil Well Cements that have poor filtration control can lead to a complete failure of the cementing operation. In addition, the invasion of filtrates into producing zones causes formation damage, which can greatly reduce the production potential of a reservoir. Developing cement slurries that have minimal filtration loss can prevent expensive remedial cementing operations and reduce formation damage.



DUAL CELL FLUID LOSS TEST ASSEMBLY

The Fann Fluid Loss Test Assembly provides a reliable means of determining the fluid loss characteristics of an Oil Well Cement. Fluid Loss Testers measure fluid loss of cement slurries, drilling fluids, and fracturing fluids under elevated pressure and temperature conditions.

Fann Fluid Loss Cells are fitted with a 325 mesh screen [3.5 in² (22.6 cm²) filtration area] backed by a 60 mesh screen. The 60 mesh screen provides a flow path for the cement filtrate as outlined in API Recommended Practice 10B. Cells are provided with openings on both ends with caps (double ended) for ease of maintenance.

SPECIFICATIONS:

- Rated working pressure ----- 1,500 PSIG (10.35 MPa)
- Maximum temperature ----- 200°F (93.33°C)
- Power Required ----- 115/230 VAC 50/60 Hz
- Power Output ----- 1,800 Watts
- Power Required ----- 800 watts
- Filtering Area----- 3.5"² (22.6 cm ²)



Single Cell Fluid Loss Test Assembly

Fann Fluid Loss Testers meet or exceed the equipment specifications outlined by the **American Petroleum Institute:**

Recommended Practice for Testing Well Cements
API Recommended Practice 10B

Ordering Information

210195	Fluid Loss Tester, Dual Cell, 115 Volt
210199	Fluid Loss Tester, Dual Cell, 230 Volt
101502980	Fluid Loss Tester, Single Cell, 115 Volt
101533370	Fluid Loss Tester, Single Cell, 230 Volt

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The Original Testing Equipment Company

Fann Instrument Company offers a complete line of equipment, materials and supplies for use in testing Oil Well Cements in accordance with:

API Specification 10A, ANSI/API 10A/ISO 10426-1-2001

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