

The use of polymers as dispersants in cooling water and traceable scale inhibitors for oil and gas require methods to measure the free polymer in the system. Measurement of the dose level for total polymer does not provide sufficient information on what is free for prevention of corrosion or fouling. Much of the total polymer may already be bound by contaminant particles and scale.

The Dow Traceable Polymer Test Kit is to test for free polymer. The Optidose™ and Accent™ polymers have a tag permanently attached to a molecule. This tag allows immunoassay reagents in the Dow Traceable Polymer Kit to specifically identify the polymers at ppm concentrations. There is no interference from other treatment components or contaminants. The test kit is a simple and inexpensive strip test used to determine the amount of free polymer remaining.

- » Rapid, portable, easy to use strip test
- » Direct measurement of free polymer concentration
- » Reliable under a variety of conditions
- » Non-hazardous test components, easy to dispose and recycle
- » No interference from common water treatment components
- » Accurate determination of 2, 5, and 10 ppm free polymer in the field
- » Additional precision under controlled laboratory conditions
- » Available as a full tool box with 48 tests and the strip scanner and 48 test refill kits



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