



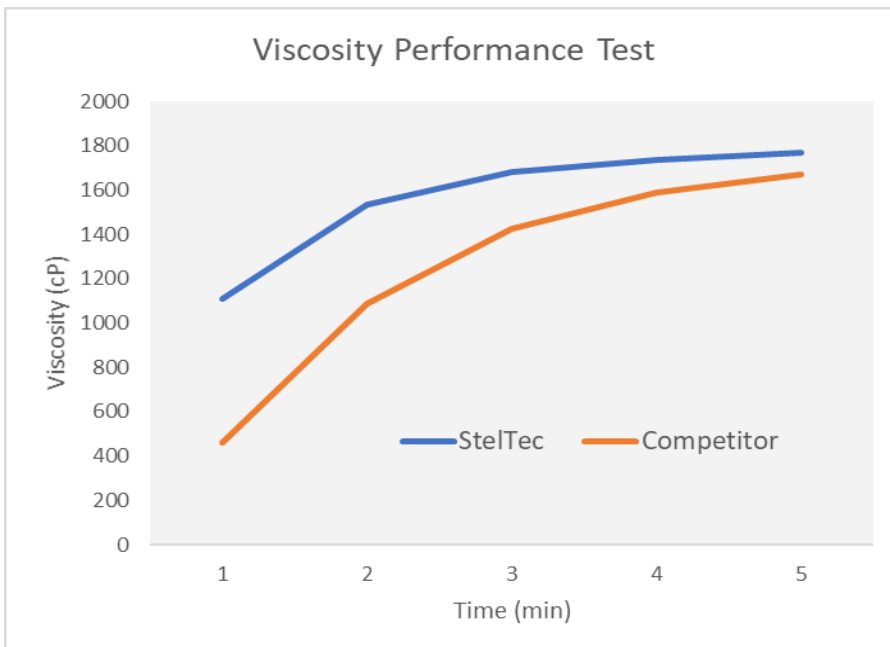
STELTEC Polymer Infuser: Competitive Testing

The STELTEC Polymer Infuser outperformed the competition in head-to-head viscosity performance testing.

For polymer direct feed applications, time is everything! In these performance tests, the STELTEC Polymer Infuser produced higher solution viscosity levels faster than the competitor's system. A higher viscosity indicates more hydrated polymer with fewer fish eyes which translates into better performance of the polymer at point of use.

At the one minute mark, the STELTEC unit's viscosity reading was 141% higher than the competition.

Not only did the STELTEC Polymer Infuser reach higher viscosity levels, but it did so more efficiently, using less horsepower. This is made possible by its custom-designed impeller and mixing chamber.



Highlights:

- *Viscosity performance tests measures how effectively polymer is mixed into the water flow*
- *STELTEC Polymer Infuser achieved faster mixing with less mechanical HP than the competitor's system*
- *STELTEC's Polymer Infuser system also has more standard features than competitive systems*

Standard Features:

Flow Proportional Control

Color Touch Screen

Mix Chamber Priming Mode

Adjustable Flush Cycle

STELTEC Inc.

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STELTEC Inc. Industrial & Municipal Products

The STELTEC Polymer Infuser is part of a line of water and wastewater products for industrial and municipal applications.

Specifications	STELTEC System	Competitor System
Max Water Flow	1600 GPH	1200 GPH
Max Polymer	10 GPH	10 GPH
Mixing	Mechanical 0.5 HP	Mechanical 1 HP

Testing Parameters

Water Flow	1000 GPH
Polymer Flow	7.5 GPH
Polymer Type	Emulsion

Test Method: The polymer systems performance was validated using a laboratory viscometer. Both systems were set to produce the same concentration. Each system was checked for flow accuracy.

Samples were taken from the same point immediately downstream of the high shear make down unit. Each system was run for a few minutes before sampling began.

Samples were measured for viscosity over time mimicking both a direct feed application (immediate reading) as well as day tank system (readings over time).



The information provided in this brochure contains a general description or characteristics of performance which may change as a result of further development of the product. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of the contract.

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