

Dry on the Fly

PRODUCT DATA SHEET



Applications

- Conventional and unconventional hydraulic fracturing treatments
- Slickwater and high-rate stimulation jobs
- Operations requiring on-site dry friction reducer hydration and injection

Benefits

- Ultra-fast hydration
- Direct dry FR injection
- Lower carbon footprint
- No VOCs
- Freshwater to extreme brine compatibility
- Superior friction reduction performance
- Lower operating cost
- Significant cost savings
- Fully self-contained system

Features

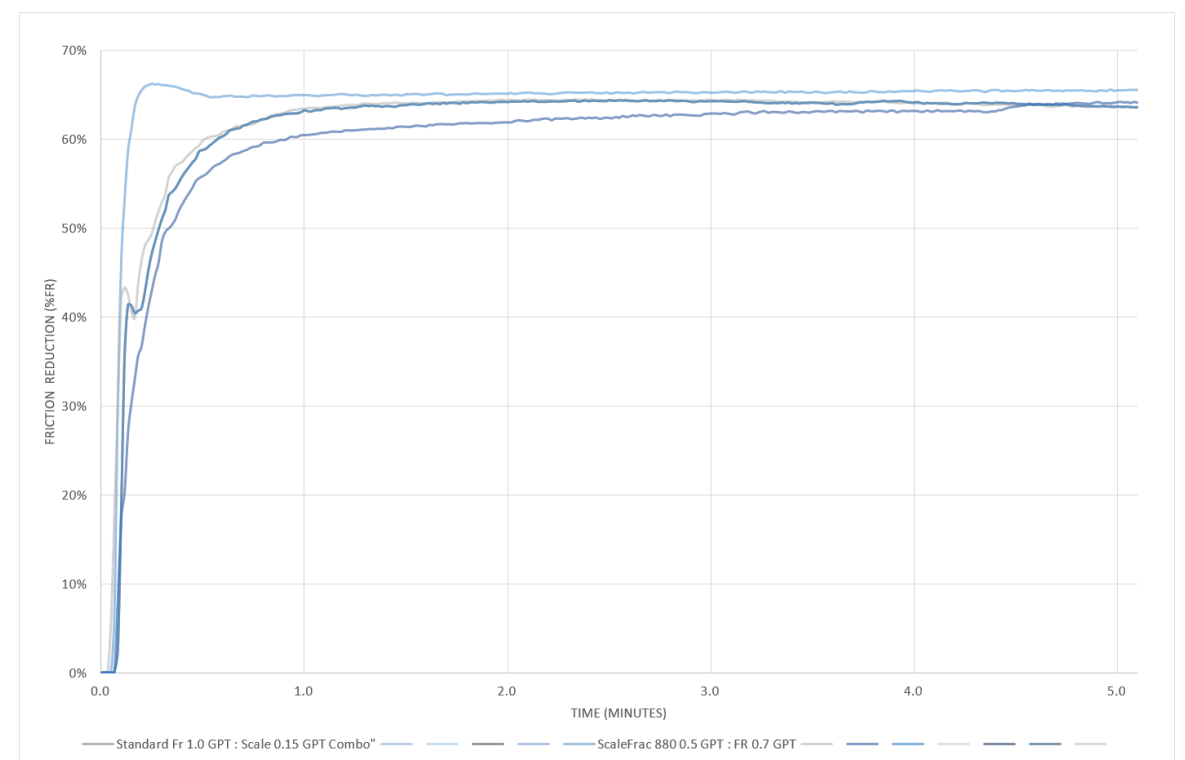
- Patented Matrix Toll Manufacturing technology
- Dry bulk storage and feed system
- Integrated hydration module
- Nano surfactant activation chemistry
- Direct injection manifold
- Automated control system
- Modular skid-mounted design
- Closed-loop delivery architecture

Environmental responsibility

- No VOCs
- Up to 2.5x less logistics requirements
- Lower carbon footprint

Comparison

Dry On The Fly delivers rapid friction reduction while eliminating the need to transport and store large volumes of liquid friction reducer. By applying dry polymer directly at the wellsite, the system reduces logistics requirements, lowers operating costs, and maintains consistent treatment performance.



How It performs

Dry On The Fly is designed to deliver rapid hydration and high friction reduction across a wide range of water conditions, from freshwater to extreme brines. The technology helps reduce chemical usage, lower horsepower requirements, and maintain efficient pumping rates throughout the treatment.

How it works

Dry On The Fly uses a dry bulk application system that meters dry friction reducer from on-site storage into an integrated hydration unit. Patented nano surfactant technology activates the polymer immediately upon contact with water, and the hydrated product is injected directly into the fluid stream for rapid friction reduction.