



SNF
WATER SCIENCE

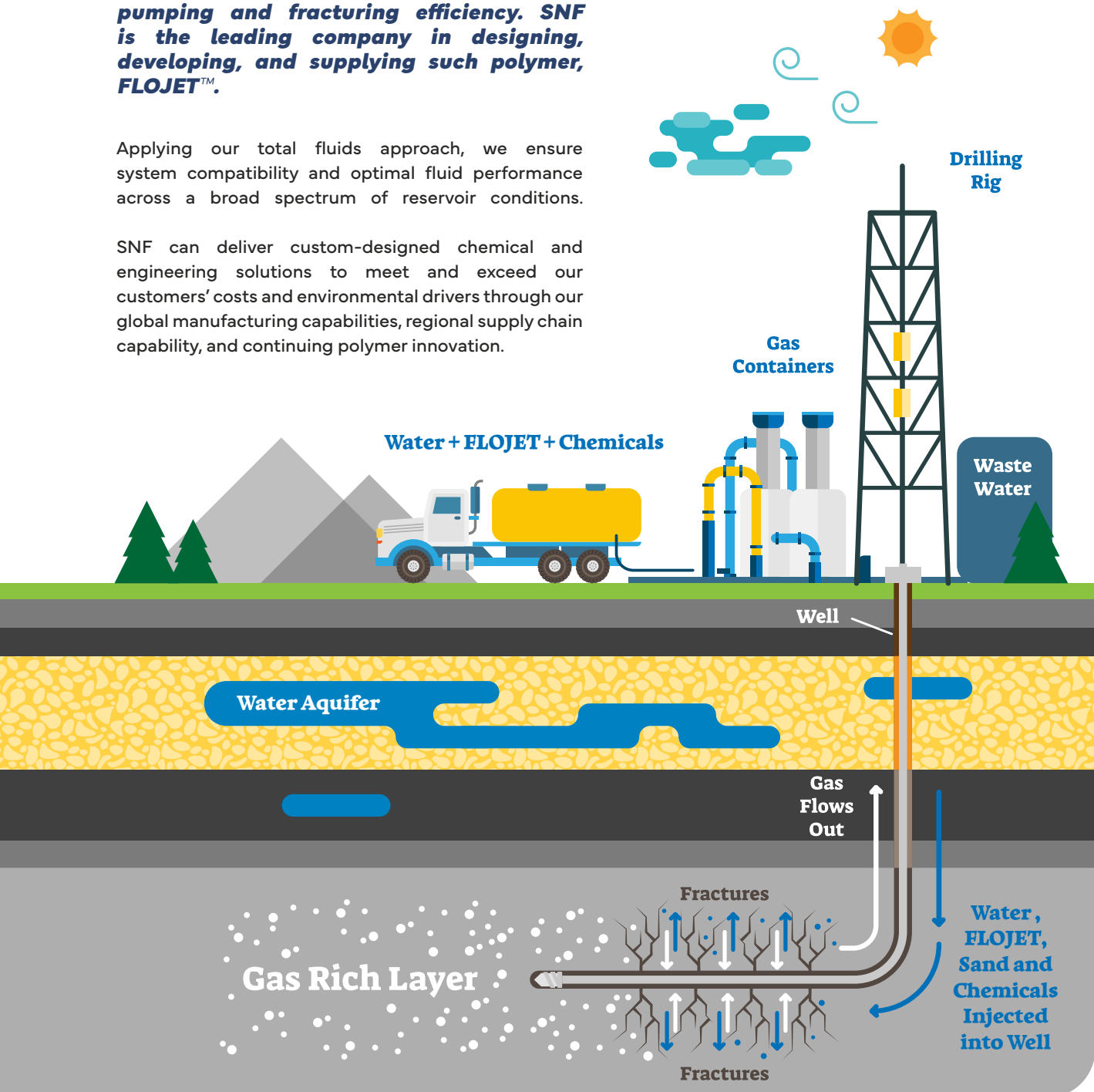
STIMULATION
FLOJET™

Hydraulic Fracturing

Hydraulic fracturing requires high volumes of water to fracture the reservoir. Friction-reducing polymers are added to increase pumping and fracturing efficiency. SNF is the leading company in designing, developing, and supplying such polymer, FLOJET™.

Applying our total fluids approach, we ensure system compatibility and optimal fluid performance across a broad spectrum of reservoir conditions.

SNF can deliver custom-designed chemical and engineering solutions to meet and exceed our customers' costs and environmental drivers through our global manufacturing capabilities, regional supply chain capability, and continuing polymer innovation.



HYDRAULIC FRACTURING WITH SNF

FLOJET™

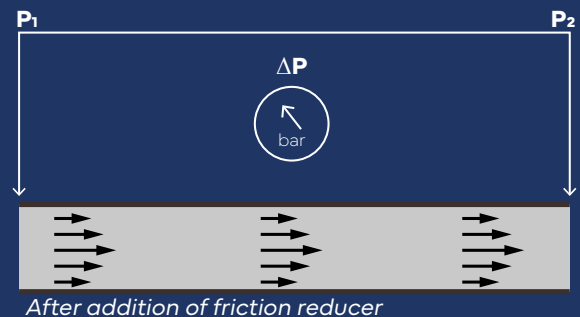
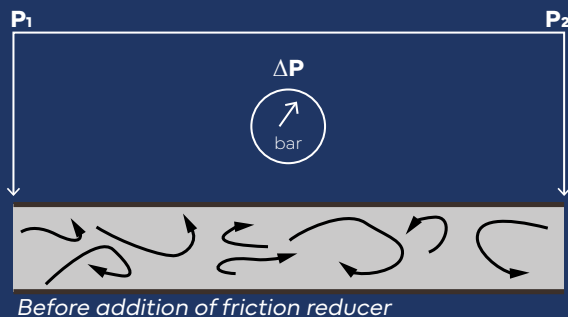
Hydraulic fracturing involves injecting high-pressure fluid into a wellbore to create minor fractures in the deep rock formations.

High friction pressure resulting from the high volumes of water pumped during a frac operation is solved using FLOJET™ friction reducers.

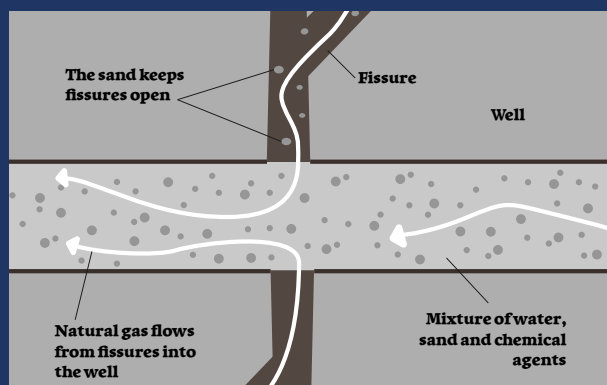
This technology is designed to significantly reduce the surface treating pressure between Frac fluid and the wellbore, leading to the laminar flow necessary for enhanced, efficient, and successful stimulation treatment.

FRICTION REDUCERS

Conventional and high viscous reducers can lower the friction by 70% in pipes and fractures, shifting from turbulent to laminar flow.



PROPPANT SUSPENSION



In addition to friction reduction performance, FLOJET™ has the added advantage of improving proppant suspension and transport, greatly enhancing hydrocarbon recovery.

A COMPLETE RANGE **FLOJET™ DR**

SNF FLOJET™ product range is designed to provide a broad range of friction-reducing polymers compatible with low and high TDS brines.

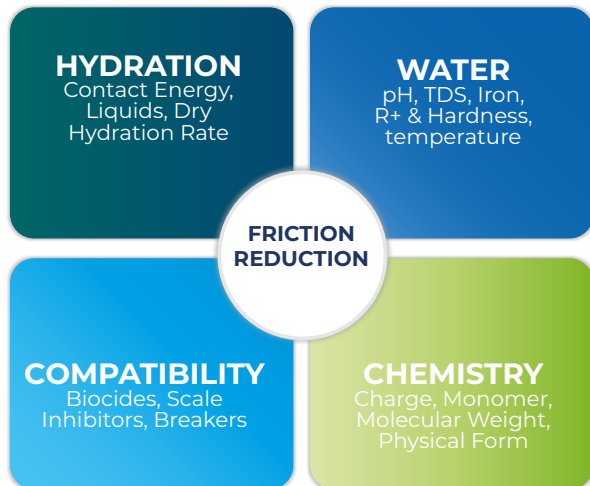
Applying a total fluids approach, SNF can design chemical compatibility and application to ensure optimal fluid performance and clean up. All our applications are supported with field and laboratory capabilities.

Therefore, SNF can provide an adapted polymer to fit any application, supported by a global supply and manufacturing network to optimize supply and reduce costs.

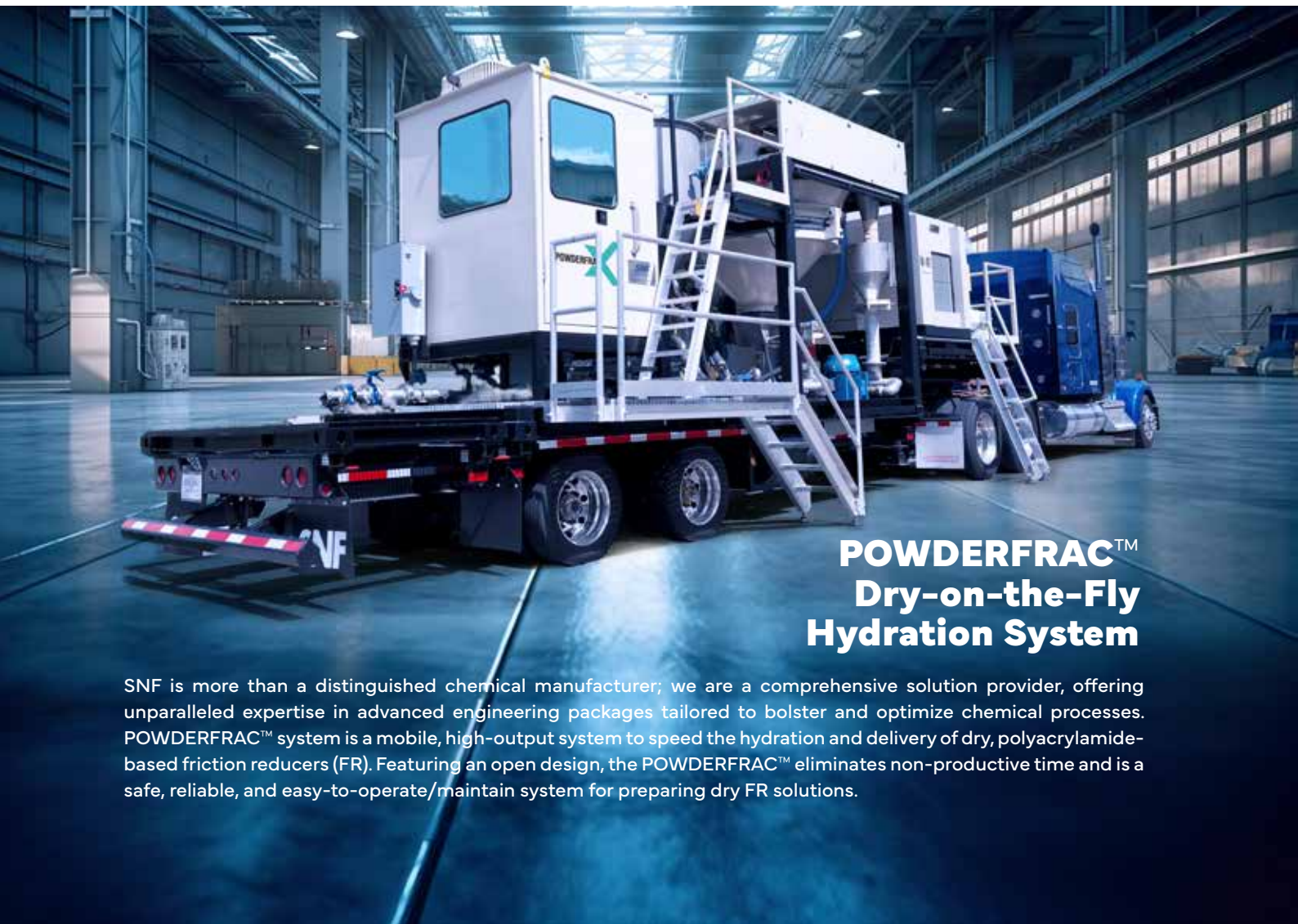
FLOJET™ DR - Liquid Inverse Emulsion

FLOJET™ DRS - Liquid Slurry

FLOJET™ DRP - Powder



Factors Affecting Friction Reduction



POWDERFRAC™ Dry-on-the-Fly Hydration System

SNF is more than a distinguished chemical manufacturer; we are a comprehensive solution provider, offering unparalleled expertise in advanced engineering packages tailored to bolster and optimize chemical processes. POWDERFRAC™ system is a mobile, high-output system to speed the hydration and delivery of dry, polyacrylamide-based friction reducers (FR). Featuring an open design, the POWDERFRAC™ eliminates non-productive time and is a safe, reliable, and easy-to-operate/maintain system for preparing dry FR solutions.

CUSTOMER-CENTRIC

Customer Support

We have a dedicated team of international customer support experts to take charge of your new projects and assist you across the lifecycle of your hydraulic fracturing and stimulation operations.

The team comprises multilingual and multicultural engineers based at our headquarters in France and our technical centers worldwide.

We are chemists, engineers, developers, and technicians. We speak 17 languages and are present in 50 countries. We work with you and for you.

We are passionate about helping you succeed. Our philosophy is to put our clients first – to understand their situation and provide a first-class service tailored to their needs.

**Our
philosophy
is to put
our clients
first.**

ONSITE AUDIT

Our customer support prioritizes efficiency and accuracy through onsite audits, ensuring a thorough examination of your specific needs and challenges

SAMPLE TESTS

Our commitment to quality is exemplified through meticulous sample tests, allowing us to identify potential issues and refine our support strategies.

EXPERTISE

Our dedicated professionals bring a wealth of expertise to address your unique concerns promptly and effectively.

TRAINING

Our customer support extends beyond issue resolution to encompass comprehensive customer training programs.



WHAT MAKES US DIFFERENT

Why Choose SNF

Backed by world-class equipment and engineering support, qualified applications specialists, efficient manufacturing of quality water-soluble polymers, and optimized supply chain management, SNF is a recognized leader in developing high-performance chemical solutions designed to exceed the needs of our customers in the Oil & Gas Industry.

Worldwide Leader

With 21 production facilities and subsidiaries in more than 50 countries, the SNF Group is the world's leader in water chemistry.

30 Years of Experience in Oil & Gas

Over the last 30 years, SNF has acquired a solid understanding of clients' needs in oil fields. Combined with polymer expertise, we offer complete engineering systems to optimize injection for polymer flooding applications.

Polymer Manufacturer

As a global leader in the manufacturing of water-soluble polymers, SNF continuously improves a range of more than 1,000 products, which helps reduce energy needs and carbon intensity while contributing to the responsible extraction of key mineral resources essential to the energy transition.

Fully Integrated Company

SNF is a fully integrated company. We have channeled all of the supply chain to be internal - from research and development to production, from your equipment design to its installation.

150 Oil & Gas Experts

We are engineers, developers, technicians, and oil and gas experts who strive to solve your challenges. Together, we aim for excellence in every step, from the first on-site audit to your staff training.

Industrial Work Force

SNF polymers are manufactured in 21 plants covering 5 continents, allowing us to provide polymer solutions to the Oil & Gas Industry cost-effectively and energy-efficiently.



MANUFACTURING FOOTPRINT

A Strong and Reliable Supply Chain



Responsible Chemistry

With 21 production facilities and subsidiaries in more than 50 countries, the SNF Group is the world's leader in water chemistry. As a leader in our industry, we are responsible for addressing the planet's environmental challenges by going further and working faster to strengthen water chemistry's ethical dimension.

SNF Responsible Chemistry reflects SNF's goal of being one of the most exemplary chemical producers in terms of environmental footprint. This defines our ambition and strategy for the climate.

At SNF, we are committed to ensuring that these drivers are more than just messages. They are part of the Group's DNA and give meaning to our actions. That is why we have been a member of the UN Global Compact since 2008. We are committed to the ten universal principles of the initiative.

