

# OUR QUALITY ASSURANCE

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## Engineering flawless solutions

Every fluids solution is unique. As no two wells are the same, our specialists design customized options with the customer and application in mind. They test every option so you can have complete confidence in the final performance – while also providing technical support to our onsite personnel to assure fast and efficient service delivery at the wellsite.



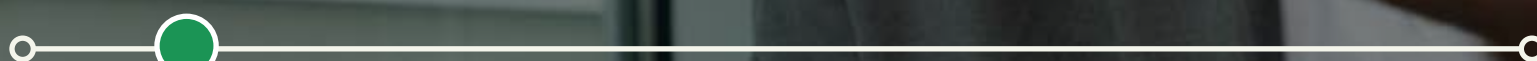
Enhance your  
fluid knowledge

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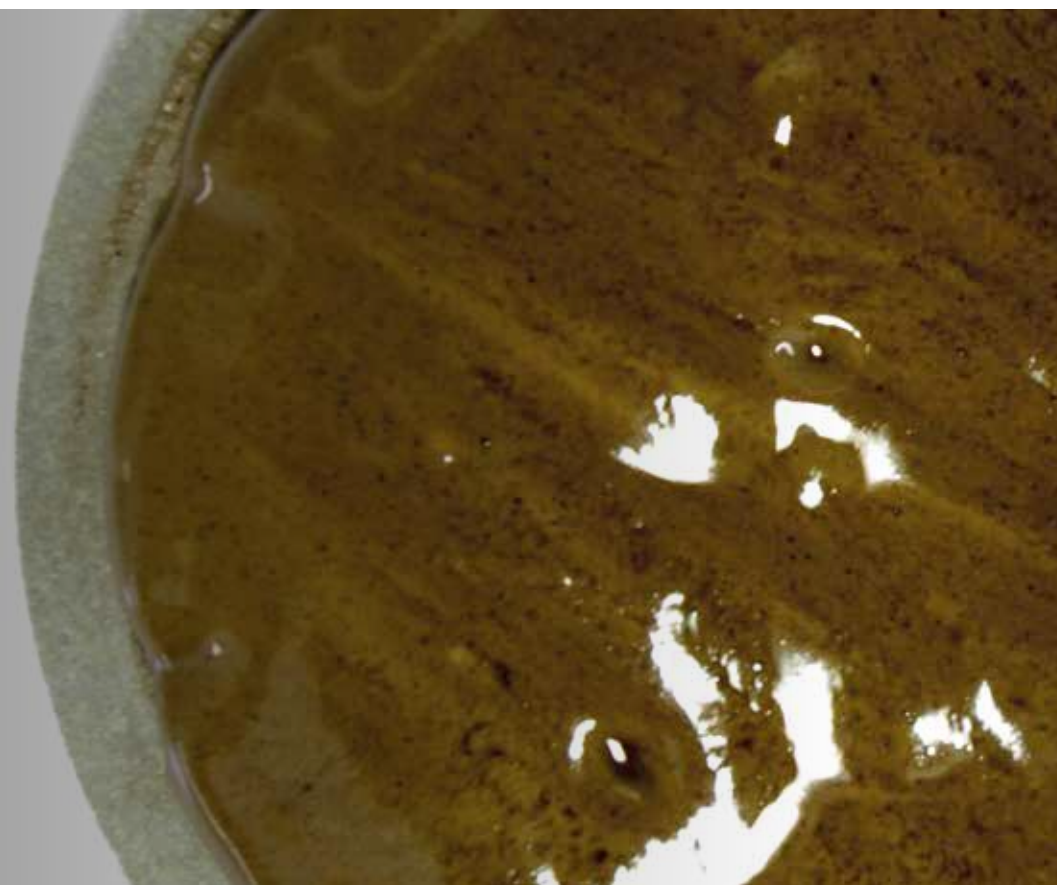
## FLUID THINKING

Delivering consistency  
on the global stage



### Field Services Lab

Bring us your fluids challenges and we'll find you the optimum solutions. We take sample fluids from the field into the lab for stringent testing to identify the right solutions. Our scientists and technical teams then formulate fluids systems optimized to your specific applications.



### Applied Engineering Lab

Extensive in-house modeling allows our engineers to validate field performance. Our particle plugging tester verifies optimal particle size distributions for wellbore strengthening and lost circulation. While our one-of-a-kind Downhole Simulation Cell returns preserved core samples to in-situ temperatures and pressures to measure how the drilling fluid interacts with the core.



### Reservoir Services Lab

A new feature at the Newpark Technology Center, our Reservoir Services Lab accurately measures permeability changes of formation core samples in HPHT environments – shining a spotlight on drill-in fluid development and optimization.



### Analytical Lab

Our fluid scientists identify and quantify foreign components of field samples, mineral composition of shales and chemistry of products. The Analytical Lab is the central nervous system of the Newpark Technology Center – supporting quality assurance, field service and product development with state-of-the-art tools.



## Quality matters

Our QHSE management systems are focused on understanding the component processes of management systems to drive continuous improvement. To provide consistent management of those processes, we conform to several recognized management and quality system standards:

**ISO 29001** QMS for product and service supply organizations for the petroleum, petrochemical and natural gas industries.

**ISO 9001, ISO 14001, and OHSAS 18001** Warehousing and distribution of drilling fluid materials

**ISO 9001, ISO 14001, and OHSAS 18001** Warehousing, blending and loading for shipment of drilling fluid components

**ISO 9001** Engineering of drilling fluid systems and sales support

**ISO 9001** pertains to quality management systems, **ISO 14001** covers environmental management systems and **OHSAS 18001** focuses on health and safety management systems. Processes were mapped across all of our facilities – with four major facilities chosen to demonstrate the ability to certify the management of all discovered processes.

Det Norske Veritas (DNV) has certified that NDF process management conforms to the listed standards at these facilities reflecting the identified scope of activities. Through internal auditing and upper management review, other facilities are identified as complying and conforming to the same standards.



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