



ENERGY & RESOURCES

ULTROIL® WM 1001

Deep Cleaning,
Superior Performance

INDORAMA
VENTURES

Indispensable Chemistry



ULTROIL® WM 1001

Cleaning Agent

ULTROIL® WM 1001 is a cleaning agent that play a critical role in the oilfield industry by removing residual drilling mud and debris from casing walls. This process is essential for preventing corrosion and wear on the casing, as well as ensuring proper cement bonding, which is vital for the integrity of the well. Cleaning agents also contribute to more efficient drilling operations, improving productivity and reducing downtime, ultimately leading to lower operational costs and longer equipment lifespan.

FEATURES



Emulsifies oil-based mud (OBM) residues

Removes grease and oil-soluble compounds



Concentrated surfactant

Low dosages required



Fast and high performance cleaning

Action on drilling mud displacement and wellbore flushing



Reduced cleaning costs

Minimizes the reliance on co-surfactants



ULTROIL® WM 1001 is a surfactant package for wellbore cleaning and spacer pills designed to improve displacement of drilling muds from surfaces downhole. The product is NPE/BTEX-free, highly biodegradable, and compatible with various types of brines, providing high cleaning efficiency.

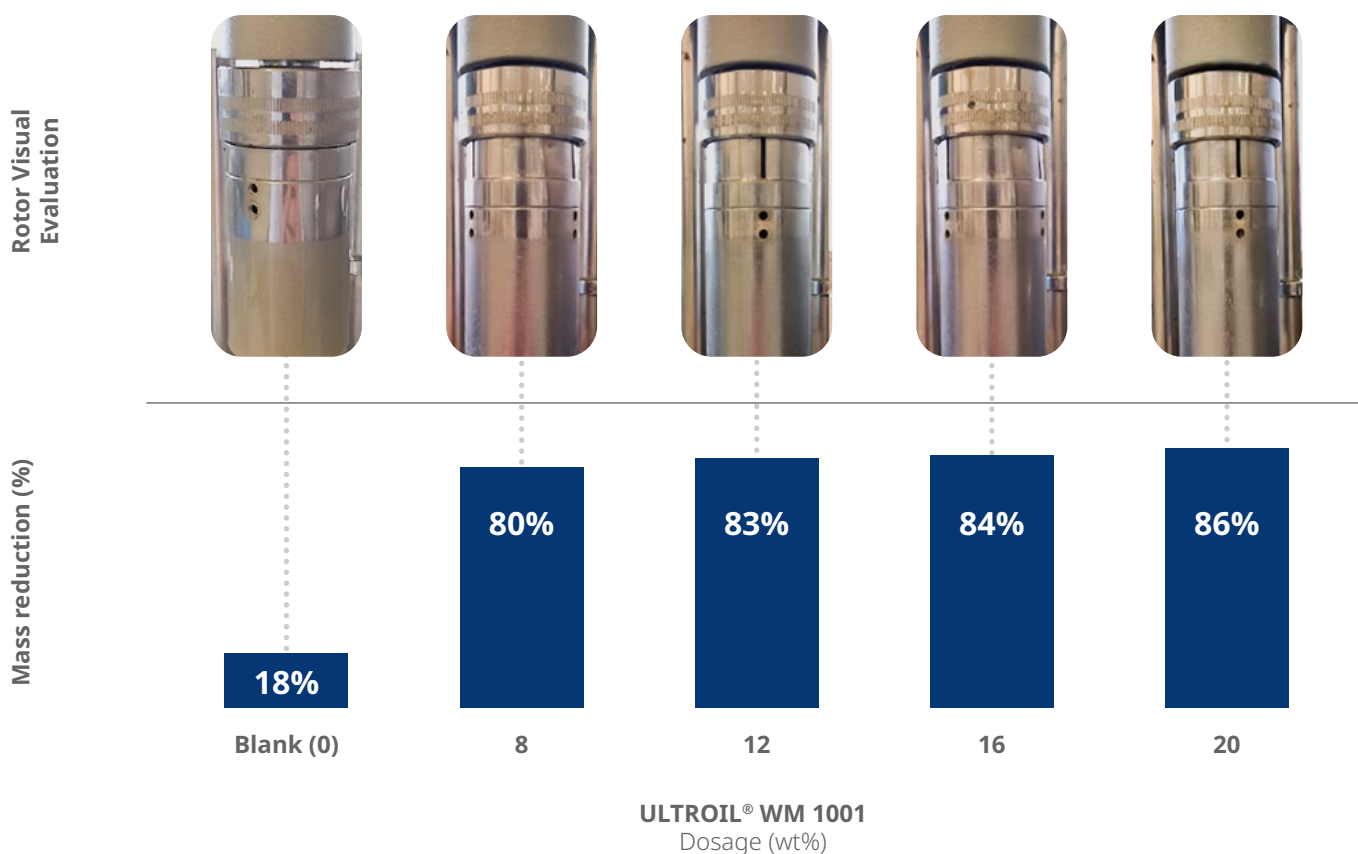
Product	Chemical Description	Appearance (@ 68 °F)	Active Content (wt%)	Viscosity (cP @ 68 °F)	Flash Point (°F, closed cup)
ULTROIL® WM 1001	Aromatic-free formulation	Clear Liquid	85	30	> 212

Performance Tests

2 minutes cleaning performance evaluation

Tests assessed **ULTROIL® WM 1001**'s effectiveness as a casing cleaner by applying it in four dosages of OBM-coated metal surfaces. Performance was measured via gravimetric analysis and visual checks over time.

The tests were conducted at room temperature and atmospheric pressure. A viscometer rotor was dipped in drilling fluid (oil or synthetic) and then cleaned by agitation at 300 RPM while immersed in cleaning solution for 2 minutes.





DISCLAIMER

This information is provided in good faith, based on Indorama Ventures' current knowledge of the subject and is purely indicative. No information, including suggestions for using the products, should preclude experimental testing and verification, which are essential to ensuring the suitability of the products for each specific application. Consult the contact from your region or country regarding the availability of each product. All users must also respect local laws and obtain all the necessary permits. When handling the product, consult the safety data sheet. If you have any questions or additional needs, please contact Indorama Ventures through our customer service channels.

MAY/25