gumpro
DRILLING FLUIDS



POLVO SERIES

All Oil Based Mud Products In Powder Form !



PATENTED

Gumpro Drilling Fluids has been at the forefront of innovation in the Oil and Gas Drilling Fluids Industry since 1983. In keeping with innovative culture, Gumpro Drilling Fluids is introducing...

POLVO SERIES

"Complete Range of Oil Based Drilling Fluids additives in Powder Form."

The company has established capacity of 5,000 MTPA for the Polvo Series Products. The plant is a State-of-Art, automated, SCADA Controlled, ISO 9001:2008 Certified facility with dedicated QA Labs and highest HSE standards.

Industry was in a need of non freezing oil based drilling fluid additives and Gumpro Drilling Fluids provides the solution.

POLVO SERIES

POWDERED OBM PRODUCTS

With the current trends of drilling with Oil Based Mud Systems, there is always demand for new innovative products by the industry. Gumpro has geared their in-house R & D activities to meet these new challenges.
With years of in-house R & D efforts, Gumpro could develop oil based mud additives into powder form namely **POLVO Series.**

The focus was mainly to make low pour point OBM products which would work in sub-zero environments. But Liquid products had their limitations for extreme conditions, hence focus was shifted to powdered products which are superior additives to perform in extreme cold climatic conditions of onshore or offshore oil well drilling.



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FEATURES AND BENEFITS

- Polvo Series Products are free flowing readily dispersible powders for all types of non-aqueous drilling fluid systems.
- Traditional liquid emulsifiers tend to freeze at low temperatures, forcing users to have various drum heating arrangements such as drum heaters and hot boxes. The Polvo Series products even at extreme low temperatures remain free flowing powder.
- Give added savings to the operator by eliminating the high costs of drum handling, disposal and risk of leakage.
- Conventional Liquid Emulsifiers maintain flowability by incorporating mutual solvents which have lower flash points and may destabilize the emulsion. Polvo Series creates emulsions with higher stability as it is free from such additives.
- Compatible with all types of non-aqueous drilling fluid systems including various base oils such as low toxic mineral oil, low aromatics, diesel and synthetic base oils which also helps in stocking minimum inventory.
- Suitable for wide range of Mud Weights and Oil Water Ratios.
- Enhances system rheology and reduces dosage of organophillic clays.
- Effective over a wide range of bottom hole temperatures.

POLVO SERIES

Product	Generic	Functions	Dosage*
Polvo Mul P	Primary Emulsifier	Provides a highly stable invert emulsion with good rheological profile and preferential wetting of solids by continuous oil phase	4 - 8 ppb
Polvo Mul S	Secondary Emulsifier	Provides a highly stable invert emulsion with good rheological profile	6 - 10 ppb
Polvo Mul Ai1	All in One Emulsifier	Performs as a primary as well as secondary emulsifier that produces highly stable invert emulsion with good rheological profile and preferential wetting of solids by continuous oil phase	10 - 20 ppb
Polvo Mod	Rheology Modifier	Increases the low end rheology in oil based drilling fluids	1 - 4 ppb
Polvo Wet	Wetting Agent	Gives preferential wetting to the solids by continuous oil phase	3 - 6 ppb
Polvo Trol	Fluid Loss Control Agent	Reduces the HTHP filtration in the oil based drilling fluids of the product and is free of conventional black powders.	1 - 4 ppb

* Dosage : Suggested dosages but actual dosage may vary as per well conditions



COMMITTED

TO QUALITY

SINCE 1983

gumpro

DRILLING FLUIDS

INNOVATORS | MANUFACTURERS | EXPORTERS

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