



DRILLING FLUID PRODUCTS

TECHNICAL INFORMATION

IM-LOSE™ HT Modified Potato Starch

Fluid Loss Control Aid for Water Based Drilling Fluids

IM-LOSE HT is a modified and non-fermenting potato starch based additive for reducing fluid loss in a variety of water based drilling muds. IM-LOSE HT is specially modified for high temperature stability and maintains performance in the most harsh downhole conditions.

Product Specifications:

Property	Specification
Bulk Density (kg/m ³)	550 – 650
pH	7 - 9
Solubility	Soluble in water of any temperature
Appearance	White granular powder

Functions:

IM-LOSE HT has the following functions:

- Reduce the filtration rate of the fluid with minimal effect to the fluid rheology
- Effective in both weighted and low solids muds over a wide pH range.
- Coat and encapsulate cuttings and solids in the drilling fluid, thereby inhibiting the swelling and disintegration of water sensitive solids
- Improve the character and consistency of wallcake, thereby reducing the potential for stuck pipe
- Maintains performance at down-hole temperatures in excess of 250 °C

Recommended Treatment:

Concentrations in the range of 0.5-3.0 bbl are recommended to control drilling mud properties. The quantity used would be dependent on the drilling fluid system, drilling depth and equipment.

Packaging:

Packaged in 25 kg multi wall paper sacks and in HDPE big bags.

Legislation and Handling Recommendations:

Not restricted by any regulatory agency. Refer to the Material Safety Data Sheet (MSDS) for the product prior to use.

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