

***NISOC SPECIFICATION
DRILLING FLUIDS PRODUCT DATA***

Product Description :

LIME

Hydrated Lime or calcium hydroxide, $\text{Ca}(\text{OH})_2$ is proposed to use as pH regulator in water base muds and for better emulsification and stability in oil mud systems.

Application:

- Corrosion reducer, Biocide.
- Alkalinity control agent.

Typical Physical Properties :

<i>Requirements</i>	<i>Unit</i>	<i>Specification</i>
Purity as $\text{Ca}(\text{OH})_2$	%	90 min
pH (1 gr. in 350 ml.water)	—	11 min
Moisture	%	5 max
Wet screen Analysis		
Passed through ASTM sieve No.30 (Mesh 28)	%	95± 5
Passed through ASTM sieve No.60 (Mesh 60)	%	70±10

Lime Continue :

Recommended Treatment:

Add 0.5- 1 lb/bbl for water base and 12±2 lb/bbl for oil base muds.

Source :

KPA

Packaging :

25 Kg Kraft (70 gr/m²) , 3 ply and waterproof sacks.
Marked on : *Name of manufacturer, Batch No. and Production date.*

Safety Handling:

- Skin irritant, in case of contact wash with water .
- Use dust mask, goggles and gloves during usage .
- Industrial hazard as dust by inhalation.
- Keep in dry, sheltered and shady place.

