High Temperature Retarder KCM026A

1. Introduction

Hydration time and cement set period are critical for well cementing design. Retarders are generally utilized in cement slurry to control cement thickening time to reduce job risks especially at medium to high temperature applications.

Liquid form retarder aid KCM026A, either itself or together with other retarder products, provides accurate thickening time for medium to high temperature applications in oilwell cementing.

2. Physical Properties and Hazards

Additives	Form	S.G.	Flash Point (°C)	Health Hazard	Physical Hazard	pH
KCM026A	Brownish liquid	1.05-1.15	>93	Eyes	None	10-12

3. Chemical Properties and Application

KCM026A can be used to control cement thickening time at temperature 65-150°C and density 10.5-20 lbs/gal. The temperature limit can be extended to 400°F if used together with other retarders.

KCM026A has slight dispersing effect thus facilitating turbulent flow techniques.

KCM026A shows good compatibility in most cement slurries and approved to be tolerant to many factors such as mixing water (fresh, sea, and salt), concentration, shear, temperatures, and cement brands.

4. Treatment

Exact loading of KCM026A depend on additives used in cement slurry, typically 0.1-0.8 gal/sack KCM026A is required for temperature range of 65-150°C.

5. Packaging

KCM026A is supplied in 5 gallons high density polyethylene (HDPE) drums.

Keep it away from extreme conditions such as places near flames or direct sunlight.