



安徽艾约塔硅油有限公司

Iota Silicone Oil(Anhui) Co.,Ltd.

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Defoamer XPJ-100A for oilfield industry

1. Typical characteristics

It is composed of fatty alcohol polyether, defoamer synergist and dispersant

Instant defoaming speed

It is completely free from organic silicon, and is more effective in addition to small stubborn foam.

Good defoaming, antifoaming and degassing effect and good dispersion can be maintained at low concentration

It is even and stable in strong acid and alkali

2. Typical product data

Colorless to yellowish liquid

Density (g / cm³ 25 °C) about 0.95

3. Application field

Cementing cement, concrete admixture, circuit board cleaning

High requirements for defoaming and eliminating stubborn small bubbles

4. Usage

Xpj-100a defoamer is a mixture, the system is not stable, stratification and a little precipitation may occur after a long time, which is a normal phenomenon. It is recommended to stir slightly before use, without affecting the use effect.

Xpj-100a defoamer product cannot be diluted with water. If diluted with water, stratification and defoaming effect may be reduced.

In the course of cementing operation, due to the application of various admixtures in cement slurry, resulting in foam in the slurry distribution process, resulting in changes in cement density and other properties, resulting in on-site construction difficult to monitor and control cement slurry density and performance, construction quality can not be guaranteed, or even lead to construction can not be carried out or failed.

In addition, the liquid column pressure in the well containing bubbles will change the liquid column pressure, and the fluid in the high-pressure formation will enter the annulus, which will make the cementation quality and cement bond between the cement sheath and the casing and the shaft wall become worse, or even generate gas (water) channeling. Therefore, the slurry must be defoamed with foam removes, so as to ensure the quality of the

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construction and construction. Conventional defoamer can only eliminate the foam on the tank surface, and has poor inhibition on the foam produced by the stirring again.

XPJ-100A defoamer is a product made of foam in the cement slurry of oil well and has considerable water solubility.

XPJ-100A defoamer can be added at (0.05-0.2)% according to the site water quality and the foaming situation of the admixture. It can be mixed with other admixtures at the same time or directly added into the medicine tank for slight circulation. It can also be added into the square box of the mixing truck. It has good defoaming and antifoaming effects.

5, packaging

Our company adopts 25kg, 50kg, 200kg plastic buckets and 200kg inner coated iron buckets for packaging

6. Storage and transportation

It is suitable for room temperature storage, not near the heat source, not exposed to the sun, not adding acid, alkali, salt and other substances in the defoamer. It can't be stored for a long time after being diluted with water and won't be layered within one year of storage. If there is layered demulsification beyond this period, it can be stirred evenly before use without affecting the use effect and transported as non dangerous goods.

7. Use safety

Before using the product in batches, the customer shall carefully read the product manual and conduct necessary defoaming test to ensure the safety of use. If you have any questions about the products, please contact us and our company will serve you wholeheartedly.

This material is based on our current knowledge and experience. Therefore, this material shall not be used to replace any test required by you when you use our products on a large scale or in a batch to fully meet your characteristics. For the loss caused by the product does not meet the sales quality index, the company only undertakes to return the payment or replace the product. Our suggestions for application or use are for reference only.

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