

油井水泥消泡剂 Defoamer for Oil Well Cement



产品概述

油井水泥消泡剂通常以淡黄色或乳白色的形态存在，具有良好的水溶性和分散性，能够在各种温度和压力环境下保持稳定，有着优异的抑泡效果和分散性，与其他溶剂的相溶性也较强。具有抑泡、消泡、防气窜功能。消泡迅速。抗酸碱，耐高温。对水泥浆其它性能无不利影响。



Product Overview

Oil well cement defoamers are usually light yellow or milky white in appearance, with good water solubility and dispersibility. They remain stable under various temperature and pressure conditions, offering excellent foam suppression and dispersing performance, and exhibit strong compatibility with other solvents. They possess foam suppression, defoaming, and anti-gas migration functions. The defoaming action is rapid, with resistance to acids and alkalis, and high-temperature stability. They have no adverse effects on other properties of the cement slurry.

性能特点

- 1、高效抑泡，快速消泡；
- 2、使用量少，适用方法简单；
- 3、分散性好；
- 4、适应性强，适用于各种恶劣体系，在高温和高压环境中表现优异。

技术指标

项目	指标		
	固体	液体	
		有机硅类	醚脂类
外观	流动粉末	均一液体	
pH 值	6.0~8.0	6.0~8.0	
密度恢复率, % ≥	90	92	

产品用途

消泡剂的使用可以减少泡沫的产生，提高水泥浆的流动性和粘度，从而提高固井质量。

1、固井水泥消泡剂具有有效的消泡作用，能够迅速将泡沫消除，降低固井中的泡沫含量，提高固井水泥的流动性和稠度，使固井效果更加稳定可靠。

2、提高固井操作效率，使用固井水泥消泡剂可以快速降低泡沫含量，使固井液的密度保持稳定，提高固井操作的效率，减少固井时间和成本。

3、可提高固井安全性，使用固井水泥消泡剂可以有效消除泡沫，提高固井液的稳定性，降低固井失效的风险，保障固井的安全性。

4、降低环境污染，使用固井水泥消泡剂可以降低泡沫含量，减少对环境的污染，保护生态环境的安全，对保障固井质量和环境安全具有重要意义。

包装与贮存

1. 25kg/袋，三合一复合牛皮纸袋包装；也可按客户要求包装。
2. 本产品储存保管时应注意防潮、防火、防高温，要求存放在通风、干燥处。



小心轻放



防晒



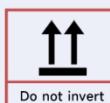
严禁倒置



Handle with care



Sun protection



Do not invert

Characteristics

1. Highly effective in foam suppression and rapid defoaming.
2. Low dosage with simple application.
3. Good dispersibility.
4. Strong adaptability, performing excellently in various harsh systems under high-temperature and high-pressure conditions.

Technical Specification

Item	Index		
	Solid	Liquid	
		Organic Silicone Type	Polyether Type
Appearance	Free-flowing powder	Homogeneous liquid	
pH Value	6.0~8.0	6.0~8.0	
Density Recovery Rate, % ≥	90	92	

Applications

The use of a defoamer can reduce foam generation, improve the fluidity and viscosity of cement slurry, and thereby enhance cementing quality.

1. Effective defoaming – The cementing defoamer can quickly eliminate foam, reduce foam content during cementing, improve the fluidity and consistency of cement slurry, and make the cementing results more stable and reliable.
2. Improves operational efficiency – Using a cementing defoamer rapidly lowers foam content, keeps the density of the cementing slurry stable, increases cementing efficiency, and reduces cementing time and cost.
3. Enhances cementing safety – The defoamer effectively removes foam, improves slurry stability, reduces the risk of cementing failure, and ensures safe cementing operations.
4. Reduces environmental impact – By lowering foam content, the defoamer helps reduce environmental pollution and protect ecological safety, playing an important role in ensuring both cementing quality and environmental protection.

Package and Storage

1. Packed in 25 kg triple-layer composite kraft paper bags; customizable packaging is available upon customer request.
2. This product should be stored in a ventilated, dry area, protected from moisture, fire, and high temperatures.



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