

# Carboxymethyl Cellulose; CMC; CT Series

## Drilling Grade

Oilfield Grade CMC (Carboxymethyl Cellulose) is a specialized, high-performance additive designed for the demanding conditions of the petroleum industry. This water-soluble polymer enhances drilling fluid properties by improving viscosity, reducing fluid loss, and stabilizing the borehole. Engineered for optimal performance in diverse drilling environments, it ensures efficient drilling operations, wellbore stability, and minimal environmental impact. Oilfield Grade CMC is an essential component for advanced drilling fluid systems, offering reliability and superior performance across freshwater, seawater, and brine conditions.

technical data sheet

### Specification

Appearance	White to cream powder
Starch or starch derivates presence	No

### Grade

GA8514 Requirement	Standard
Solution properties	
Viscometer dial reading at 600 r/min	Max. 90
Filtrate volume, ml	Max. 10
GA8515 Requirement	Standard
Solution properties	
Viscometer dial reading at 600 r/min	
- In deionized water	Min. 30
- In 40 g/l salt solution	Min. 30
- In saturated salt water	Min. 30
Filtrate volume, ml	Max. 10

### Packaging & Storage

Standard Packing	50 lb bag, 40 bags per pallet 25 kg bag, 40 bags per pallet
Storage	Each unit is labeled with product name and lot number. Store in a cool, dry area for optimal shelf life.
Handling	For safe handling of this product, please refer to the Safety Data Sheet (SDS).

### Shelf Life

Shelf Life	2 years
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### Usage & Application

Typical Dosage	0.1 to 1%
Applications	
-	Improve the viscosity and rheological properties of drilling fluids.
-	Reduce fluid loss to the formation.
-	Stabilize the borehole and prevent collapse.
-	Facilitate the removal of drill cuttings from the well.
-	Enhance the performance of drilling fluids in freshwater, seawater, and brine conditions.

### Regulatory Information

CAS No.	9004-32-4
HS Code	3912.31
Country of Origin	Made in China

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**Disclaimer:** The information provided in this document is based on tests that we believe to be reliable. However, the results of these tests may vary under different conditions and methodologies. It is the responsibility of the prospective user to determine the suitability of our products for their specific use. The user is responsible for ensuring that their use of our products, as well as their workplace practices, are in compliance with all applicable laws and regulations.

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